

**Hunters Point Shipyard
Installation Restoration Program
Public Information Materials**

**26 February 2004
Public Meeting/Restoration Advisory Board Meeting
Held at Dago Mary's Restaurant
San Francisco, California**

Materials/Handout Include:

- Agenda for 26 February 2004 RAB
- Meeting/Minutes from 22 January 2004 RAB Meeting
 - Includes: Action Items from 22 January 2004 RAB Meeting; and
 - Table 1, RAB Roll-Call Sheet
- Reporters Transcript from 26 February 2004 RAB Meeting
- Monthly Progress Report, January 2004
- PowerPoint Presentation, NAVSEA - HRA Update, 26 February 2004
- Meeting Minutes, HPS RAB, Membership/Bylaws & Community Outreach Subcommittee, 10 February 2004
- NAVFAC, Fact Sheet No. 5, Historical Radiological Assessment, 2004 February
- Flyer, NAVFAC, Business Contracting Expo – Opportunities at Hunters Point Shipyard, 27 March 2004

Standard Handouts Not Included in this Packet:

- HPS List of Acronyms and Abbreviations
- HPS Mailing List Update Form
- HPS RAB Membership Application Form
- HPS Bylaws

**HUNTERS POINT SHIPYARD
RESTORATION ADVISORY BOARD (RAB) - MEETING AGENDA
THURSDAY, 26 FEBRUARY 2004**

Day/Date:
Thursday – 26 February 2004
Time:
6:00 p.m. to 8:10 p.m.

Location:
Dago Mary's Restaurant
Hunters Point Shipyard
Building # 916
San Francisco

Facilitator: Jackie Wright

Time	Topic	Leader
6:00 p.m. – 6:05 p.m.	Welcome/Introductions/Agenda Review	Jackie Wright <i>Facilitator</i>
6:05 p.m. – 6:15 p.m.	Approval of Meeting Minutes from 22 January 2004 RAB Meeting • Action Items	Jackie Wright
6:15 p.m. – 6:30 p.m.	Navy Announcements	Keith Forman <i>Navy Co-chair</i>
	Community Co-chair Report/Other Announcements	Lynne Brown <i>Community Co-chair</i>
6:30 p.m. – 6:50 p.m.	Subcommittee Reports	Subcommittee Leaders
6:50 p.m. – 7:00 p.m.	BREAK	
7:00 p.m. – 7:50 p.m.	Presentation of Draft Final Historical Radiological Assessment (HRA)	CDR. Lino Fragoso, Ph.D. <i>Navy, RASO</i>
7:50 p.m. – 8:10 p.m.	Future Agenda Topics/ Open Question & Answer	Jackie Wright
8:10 p.m.	Adjournment	Jackie Wright

HPS web site: <http://www.efds.w.navy.mil/Environmental/HuntersPoint.htm>

RAB Navy Contact: Mr. Keith Forman (619) 532-0913 or (415) 308-1458

- - - P U B L I C N O T I C E - - -
H U N T E R S P O I N T S H I P Y A R D
Restoration Advisory Board Meeting

◆ ◆ ◆
6:00 P.M. - 8:10 P.M.

Thursday, February 26, 2004

Dago Mary's Restaurant

Hunters Point Shipyard, Building #916
San Francisco

The Restoration Advisory Board (RAB) is composed of concerned citizens and government representatives involved in the environmental cleanup program at Hunters Point Shipyard. Community participation and input is important and appreciated. The purpose of this meeting is to present the community with the current status and future cleanup schedule for Hunters Point Shipyard and to address the concerns of the entire community.

The interested public is welcome!

◆ ◆ ◆
For more information about this meeting and the Installation Restoration Program at Hunters Point Shipyard, please contact:

Mr. Keith Forman, BRAC Environmental Coordinator
Southwest Division Naval Facilities Engineering Command
1230 Columbia Street, Suite 1100, San Diego, CA 92101
(619) 532-0913 or (415) 308-1458

HUNTERS POINT SHIPYARD
RESTORATION ADVISORY BOARD MEETING MINUTES
22 JANUARY 2004

These minutes summarize the discussions and presentations from the Restoration Advisory Board (RAB) meeting held from 6:00 P.M. to 7:50 P.M., Thursday, 22 January 2004 at Dago Mary's Restaurant (Building #916 at the Shipyard). A verbatim transcript was also prepared for the meeting and is available in the Information Repository for Hunters Point Shipyard (HPS) and on the Internet at www.efds.w.navy.mil/Environmental/HuntersPoint.htm. The list of agenda topics is provided below. Attachment A provides a list of attendees. Attachment B includes action items that were requested and/or committed to by RAB members during the meeting.

AGENDA TOPICS:

- 1) Welcome/Introductions/Agenda Review
- 2) Approval of Meeting Minutes from 4 December 2003 RAB Meeting
- 3) Subcommittee Reports
- 4) Parcel D Time Critical Removal Action for Soil and Stockpiles
- 5) Future Agenda Topics/Open Question & Answer
- 6) Adjournment

MEETING HANDOUTS:

- Agenda for 22 January 2004 RAB
- Meeting/Minutes from 4 December 2003 RAB Meeting, includes:
 - Action Items from 4 December 2003 RAB Meeting; and
 - Table 1, RAB Roll-Call Sheet
- Monthly Progress Report, December 2003
- PowerPoint Presentation, Parcel D Time Critical Removal Action for Soil and Stockpiles, 22 January 2004
- Meeting Minutes, Membership/Bylaws & Community Outreach Subcommittee, 13 January 2004
- Meeting Minutes, Technical Review Subcommittee, 14 January 2004
- Flyer, Community Window on the Shipyard, Community Workshop – PCB Contamination in the South Basin and Yosemite Slough, 29 January 2004
- Flyer, AIGA1, Town Hall Meeting, 24 January 2004

Welcome / Introductions / Agenda and Meeting Minutes Review

Marsha Pendergrass, facilitator, called the meeting to order at 6:00 P.M. All in attendance made self-introductions. Ms. Pendergrass began the meeting and asked if there were any changes to the agenda; of which there were none. Ms. Pendergrass called for a motion to approve the meeting minutes and the minutes were approved with no revisions.

Ms. Pendergrass reviewed the Action Items contained in the December minutes and asked for a status of each item. Regarding the question about additional bonding for radioactive waste hauling, the Navy replied that the question would be addressed at the February RAB meeting. The remaining action items were completed to the satisfaction of the RAB.

Navy and Community Co-chair Reports/Other Announcements

Pat Brooks, Navy Lead Remedial Project Manager (RPM), had a number of announcements on behalf of the Navy. The first being that Keith Forman, Navy RAB Co-chair, will not be present tonight due to his military reserve duty obligations, but will back in the office next week, January 26th. Mr. Brooks said that the Historical Radiological Assessment (HRA) is due to be released the day before the February RAB meeting. He added that Ahimsa Sumchai, RAB member, sent an e-mail requesting a 6-month leave of absence from the RAB and Mr. Brooks suggested that her Radiological Subcommittee be temporarily combined with the Technical Review Subcommittee in order to review and comment on the HRA. Mr. Brooks said that the Navy is planning a community information day in mid-March to discuss the findings of the HRA and to offer some guidance on how to review and comment on the document. A town hall meeting is planned for this Saturday, sponsored by All Islanders Gathering As One, and Mr. Brooks said that the Navy and some RAB members would be attending and/or giving presentations. Mr. Brooks said that there will be a lot of clean-up action on Parcel E this spring and summer and there will be opportunities for local business involvement, particularly local truckers. And as a final point, Mr. Brooks said that the Navy is finalizing the Community Involvement Plan (CIP) and thus far, there have been no public comments. The Navy is extending the public comment period by two additional weeks to give more opportunity to provide input on the CIP before the final version is published.

Lynne Brown, RAB Community Co-Chair, made a motion to combine the Radiological Subcommittee with the Technical Review Subcommittee. The motion was seconded and unanimously carried. Mr. Brown reintroduced a document that concerned a civil rights violation by the Redevelopment Agency related to the Disposition Development Agreement (DDA). He made a motion to accept the document. Mr. Brown added that Redevelopment Agency is planning to demolish some housing along Cesar Chavez Boulevard but did not include public participation. He outlined some additional violations and restated his motion to accept the document protesting the civil rights violation for nonparticipation of the community. There was some discussion among the RAB members, mostly in-favor of the action and voicing dissatisfaction with the Redevelopment Agency, the Citizen's Advisory Committee (CAC), and the Project Area Committee (PAC), but there was some question about whether the RAB had adequate time to review the document prior to the vote. Mr. Brown replied that he introduced the document at the December 4, 2003, RAB meeting and was now asking for the RAB's approval to forward the document. Michel Strauss, attendee, commented on the motion and stated that he has worked with some of the people in the community to propose an alternate development plan that would include and empower the local community. He stated that the city plan has been in opposition to that goal and referenced the community ownership section of the DDA and said that the community will be given only 6 acres. Mr. Strauss also said that he attended a public meeting with the Housing Authority where he questioned plans to demolish housing projects in the community. He said the Housing Authority claimed they were unaware of any such plans even after Mr. Strauss presented them with some Requests for Qualifications (RFQs) for demolition and reconstruction of Hunters View. Mr. Strauss urged the RAB to support the resolution document that Mr. Brown presented to the RAB for approval. Francisco Da Costa, attendee, also commented on the motion. He said in 1991, the Muwekma Ohlone tribe exercised their right of first refusal. He said that the Navy should intervene in the redevelopment process because the Mayor has consistently failed to include the community. Ms. Pendergrass called the question and the RAB supported Mr. Brown's motion.

Reminder: The next RAB meeting will be held from 6:00 to 8:10 P.M., Thursday evening, 26 February 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.

1 Subcommittee Updates

2 Economic Development Subcommittee (Maurice Campbell, Leader)

3 Maurice Campbell, RAB member, said that he does not have written meeting minutes from the
4 last meeting. He asked Mark Gelsinger, Navy, to give information to the RAB regarding the
5 Navy's efforts to include contractors and small businesses in the community in all future
6 proposals. Mr. Gelsinger said that three weeks ago, the Navy began including Public Law 2912
7 into every solicitation that goes out regarding Hunters Point Shipyard. Furthermore, the Navy is
8 requiring their contractors to submit with their proposals all information that they have done to
9 contact the local community. Marie J. Franklin, RAB member, requested that local nonprofits be
10 included in the outreach efforts. Mr. Campbell replied that the Navy would include nonprofits.
11 Marie Harrison, RAB member, asked who will monitor the Navy's compliance with Public Law
12 2912. Mr. Campbell replied that he will be doing that, and will report back to the RAB.

13 Mr. Campbell said the next meeting of the subcommittee will be at 2:30 P.M., February 10th, at
14 the Anna Waden Library.

15 Technical Review Subcommittee (Lea Loizos, Leader) held jointly with the Risk Review and
16 Health Assessment Subcommittee (Karen Pierce, Leader)

17 Lea Loizos, RAB member, said that the last meeting focused on the Navy's upcoming work
18 plans for the next six months. There is an overview handout that shows the major projects that
19 are planned for each parcel. She said the meeting was very informative and highlighted just a
20 few things of interest – the Navy is planning to transfer Parcel A this coming year; the HRA will
21 be coming out in a few months; and there are some removal actions planned for Parcels D and E
22 to remove contaminated soil in different areas. Details and additional projects are included in the
23 meeting minutes.

24 Ms. Loizos said that the Technical Review Subcommittee will meet at 6:00 P.M., February 18th,
25 at the Community Window on the Shipyard, 4634 Third Street. If necessary, an additional
26 meeting to discuss radiological issues will be held, the location and date to be announced later.

27 Membership, Bylaws, and Community Outreach Subcommittee (Keith Tisdell, Leader)

28 Keith Tisdell, RAB member, gave the report for the Membership, Bylaws and Community
29 Outreach Subcommittee and said handouts are available. He said that Don Capobres from the
30 San Francisco Redevelopment Agency (SFRA) attended the subcommittee meeting and
31 answered several questions. Mr. Tisdell announced that he will be retiring as leader of the
32 Subcommittee. Melita Rines, RAB member, volunteered to be interim Subcommittee Leader and
33 Lani Asher, RAB member, offered to assist with the Subcommittee.

34 Leilani Wright, RAB member, asked if RAB member Ahimsa Sumchai will be allowed to
35 remain a RAB member while on-leave. Mr. Tisdell replied that the HPS Bylaws clearly state that
36 there is no distinction between excused and unexcused absences and any more than four
37 absences during a calendar year results in removal from the RAB. He added that Dr. Sumchai
38 will be encouraged to reapply to the RAB once she is able to resume attending on a regular basis.

39 The next meeting of the Membership & Bylaws Subcommittee will be 6:15-8:00 P.M., February
40 10th, at the Anna Waden Branch Library.

41 Break called (6:45 P.M.)

42 Ms. Pendergrass called the meeting back to order. Chen Kao, RAB member Department of Toxic
43 Substances Control (DTSC), announced that he will be leaving the RAB and Tom Lamphar will

1 replace him from now on. Mr. Kao congratulated the RAB on their commitment and he was, in
2 turn, thanked by the RAB.

3 John Nauer announced that he is an alternate for RAB member Sam Ripley, and Mr. Da Costa
4 announced that he is an alternate for RAB member Georgia Oliva.

5 **Parcel D Time Critical Removal Action for Soil and Stockpiles**

6 Mr. Brooks, and Mark Walden, Navy, gave the main presentation of the evening. Mr. Brooks
7 said that a Time Critical Removal Action (TCRA) is planned for some soil stockpiles and some
8 soil excavation on Parcels D and E. The Navy is still preparing the action memorandum and the
9 work plan, and the public will have an opportunity to comment on the documents before the
10 work begins. Twenty one excavation areas are planned and 13 soil stockpiles on Parcel D and E
11 will be removed, for a total of approximately 6,500 cubic yards of soil. Mr. Brooks said the total
12 volume is equivalent to filling about 325 of the large, 20-yard dump trucks.

13 Mr. Brooks explained the reasoning behind the removal actions. He said the soil exceeds the
14 goals due to contamination. Removing soil stockpiles and excavating areas of contamination will
15 reduce "actual or potential exposure to hazardous substances, pollutants, or contaminants of
16 nearby populations, animals and food chains" and reduces "actual or potential contamination of
17 drinking water supplies or sensitive ecosystems." Mr. Brooks said that in 2001 there were some
18 removal actions on Parcel D to remove fuel lines and steam lines. Also, some underground
19 storage tanks (UST) were removed. Contaminated soil associated with these removals was
20 stockpiled and will now be removed from the Shipyard. In addition, Mr. Brooks said that some
21 exploratory excavations were conducted in the mid-1990's, and some of those removed some
22 contaminated soils in Parcel D.

23 Mr. Walden gave the remainder of the presentation. He indicated on a overhead slide where the
24 stockpiles were located. Before the stockpiles are removed for disposal, they will be sampled and
25 chemically analyzed. For illustration, Mr. Walden showed some photographic slides of a couple
26 of the larger stockpiles.

27 Mr. Walden also discussed the proposed excavations. He explained that that the areas to be
28 excavated have been established based on earlier sampling. For each area, the soil will be
29 excavated to a predetermined depth based on the depth of sample contamination. He went on to
30 explain that if a contaminated sample was originally collected at the surface or to a depth of
31 about half a foot, the subsequent excavation will be dug to 3 feet. If a contaminated sample was
32 originally collected between half a foot to 4 feet, the subsequent excavation will be dug to 6 feet.
33 If a contaminated sample was originally collected deeper than 4 feet, the subsequent excavation
34 will be dug to 10 feet. Mr. Walden said that the excavated soil will be stockpiled near the
35 excavation and covered with plastic sheeting. Confirmation samples will be collected from the
36 bottom and sides of the excavation to ensure that the contamination has been removed. If any of
37 the confirmation samples from the bottom of the excavation contain contamination, the Navy
38 will excavate an additional 2 feet and take additional samples. If any confirmation samples from
39 the sides of the excavation contain contamination, the Navy will excavate an additional 5 feet in
40 that direction and take additional samples. Mr. Walden said the Navy will repeat this process to a
41 depth of 10 feet.

42 Soil will be transported off the Shipyard by trucks to an approved disposal facility. Mr. Walden
43 explained that the soil in the trucks will be covered with a tarp and the trucks will be inspected
44 and loose soil will be brushed off before the trucks leave the Shipyard. The truck hauling phase
45 of the removal action is expected to take approximately 3 months and will occur during daylight
46 hours only.

1 Mr. Walden concluded the presentation by stating that an Action Memorandum is scheduled to
2 go to the RAB and the regulators on 9 February 2004. The removal action memo and the work
3 plan will also be reviewed by the RAB and the regulators. A public meeting to discuss the
4 activity is tentatively scheduled for February 24th. The review period for the Action
5 Memorandum will be 30 days, and the work plan review period will be 45 days. The fieldwork is
6 planned to begin in the spring of this year and should run through the summer.

7 Ms. Pendergrass opened the floor to questions. Mr. Campbell asked if any of the proposed areas
8 were part of the 2001 TCRA, and if so why weren't they resolved then. Mr. Brooks replied that
9 he did not think any of the proposed areas were part of that earlier TCRA but would check into
10 that question. Mr. Campbell followed his question by asking what happens if an area is cleaned
11 up with this TCRA but the cleanup standard changes at a later date. Mr. Brooks answered that if
12 the standards change, and the Navy is not to the final remedy, they will clean-up to the new
13 standard.

14 Ms. Asher asked if the timing of the TCRA was related to the HRA. Mr. Brooks answered that
15 the two are not related in any way. Ms. Asher also commented that she is concerned about
16 fugitive soil and dust from the trucks going back and forth from the Shipyard. Mr. Brooks
17 suggested that at the upcoming public meeting, the Navy will have phone numbers and contact
18 information available for any complaints related to the soil hauling.

19 Ms. Harrison asked why the contamination issues were not resolved during the 2001 TCRA. She
20 asked if the Navy missed these areas. Mr. Brooks replied that because of funding limitations, the
21 Navy has to set priorities on what problem areas to clean first. Ms. Harrison asked what makes
22 the cleanup of these areas "time critical," and asked for clarification on why some areas were
23 time critical in 2001 and are now time critical again in 2004. Mr. Brooks replied that the
24 nomenclature "time critical" is very misleading and does not have anything to do with the level
25 or criticality of contamination. He said it is project planning terminology and has to do with the
26 length of time available for planning and the level of complexity of the cleanup options.
27 Ms. Harrison asked for further clarification. She asked why the Navy would excavate to a depth
28 of 6 feet and stop, as an example, rather than dig every excavation down to 10 feet. Mr. Brooks
29 replied that in many cases, contamination does not extend that far down and it is a waste of funds
30 to excavate and dispose of non-contaminated soil.

31 Ms. Loizos asked when the previous sampling was conducted, and if the analytical results of the
32 sampling will be included in the work plan. Mr. Brooks replied that he did not know the dates
33 but would include them in the work plan.

34 Lisa Lulu, RAB member, asked where contaminated soil will be transported. Mr. Brooks
35 replied that the soil will be chemically characterized and then transported to various suitable
36 landfills depending on the levels of contamination.

37 Ms. Franklin requested that the transportation routes in and out of the Bayview-Hunters Point
38 community be strictly enforced to prevent truckers taking shortcuts through the neighborhoods.
39 Mr. Brooks replied that the suggestion was excellent and he would make sure the truck route is
40 developed and made available to the truckers.

41 Mr. Brown asked for clarification about the stockpiled Bay Area Rapid Transit (BART) soil and
42 whether it contained arsenic. Mr. Brooks answered that low-levels of arsenic are naturally
43 occurring in most of the soils in the Bay Area and that, yes, the BART soil stockpile does have
44 some low levels of arsenic consistent with background levels.

45 Ms. Pendergrass closed the question and answer period for the presentation and opened the floor
46 to final comments. Mr. Brown suggested that the RAB approve the formation of a Land Use

1 Subcommittee to review and comment on future development in the Shipyard and neighboring
2 community. He nominated Ms. Franklin to chair the subcommittee. Mr. Brooks commented that
3 the scope of the proposed subcommittee might be on the fringes of the RAB, which is supposed
4 to offer advice to the Navy for the environmental restoration of the Shipyard. Ms. Harrison
5 supported Mr. Brown's motion and said she felt the RAB had the authority to form a Land Use
6 Subcommittee. Ms. Pendergrass said that the cleanup levels on the Shipyard is guided in part by
7 the proposed future re-use and therefore it would make sense for the RAB to have some input.
8 After some additional comments, Ms. Pendergrass called for the motion to form a Land Use
9 Subcommittee. The motion carried, with one RAB member opposed.

10 **Future Agenda Topics**

11 Aside from the standard agenda topics and subcommittee updates, no new agenda topics were
12 proposed for the February RAB meeting.

13 **Other Discussions/Topics**

14 The following items were also discussed at the RAB meeting. A verbatim account of these
15 discussions is included in the Information Repository for HPS and may also be found on the HPS
16 web page at www.efds.w.navy.mil/Environmental/HuntersPoint.htm

- 17 • Ms. Pendergrass announced that she will not be present at the February RAB meeting.
18 Jackie Wright, Pendergrass & Associates, will facilitate the February meeting.

19 There were no further announcements. The meeting was adjourned at 7:50 p.m.

20 **Reminder: The next RAB meeting will be held from 6:00 to 8:10 P.M., Thursday evening,**
21 **26 February 2004 at Dago Mary's Restaurant, Building #916 on the Shipyard.**

ATTACHMENT A

**22 JANUARY 2004 - RAB MEETING
LIST OF ATTENDEES**

Name	Association
1. Christine M. Niccoli	Niccoli Reporting, court reporter
2. Marsha Pendergrass	Pendergrass & Associates
3. Pat Brooks	Navy, Lead RPM
4. Mark Gelsinger	Navy
5. Lee Saunders	Navy, PAO
6. Mark Walden	Navy
7. Peter Stroganoff	Navy, ROICC Office
8. Lynne Brown	RAB Community Co-chair , Communities for a Better Environment, CFC
9. Lani Asher	RAB member, Communities for a Better Environment, CFC
10. Maurice Campbell	RAB member, BDI, CFC, New California Media
11. Charles Dacus	RAB member, R.O.S.E.S.
12. Marie J. Franklin	RAB member, Shoreview Environmental Justice Movement, Inc
13. Marie Harrison	RAB member, CBE, San Francisco Bay View, Greenaction
14. Helen Jackson	RAB member, All Hallows Gardens Residents Assoc.
15. Lisa Lau	RAB member, A.I.G.A. 1
16. Lea Loizos	RAB member, ARC Ecology
17. Kevyn Lutton	RAB member, resident
18. J.R. Manual	RAB member, JRM Associates
19. John Nauer	Alternate for RAB member Sam Ripley
20. Allen Nunley, Jr.	RAB member, Business owner, resident
21. Georgia Oliva	RAB member, CBE, CCA member
22. Melita Rines	RAB member, India Basin Neighborhood Association
23. Keith Tisdell	RAB member, resident
24. Leilani Wright	RAB member, JRM Associates
25. Amy Brownell	RAB member, SF Dept of Public Health
26. Chen Kao	RAB member, Cal Dept Toxic Substances Control
27. Tom Lamphar	RAB member, Cal Dept Toxic Substances Control
28. Jackie Lane	RAB member, US EPA
29. Laurent Meillier	RAB member, SF Regional Water Quality Control Board
30. Peter Wilsey	RAB member, SF Dept of Public Health
31. Michael Work	RAB member, US EPA
32. Arvind Acharya	Innovative Technical Solutions, Inc
33. Doug Bielskis	Tetra Tech EM Inc.
34. Andrew Bozeman	Southeast Sector Community Development Corp
35. Patricia Brown	Shipyards artist
36. Ernst Buijten	NAVFAC Contractor
37. Don Capobres	San Francisco Redevelopment Agency
38. Francisco Da Costa	Environmental Justice Advocacy
39. Chris Hanif	Young Community Developers (YCD)
40. Carolyn Hunter	Tetra Tech EM Inc
41. Ronald Keichline	Innovative Technical Solutions, Inc
42. Ken Leonard	Innovative Technical Solutions, Inc
43. Debra Moore	Innovative Technical Solutions, Inc
44. Sherlina Nageer	Literacy for Environmental Justice
45. Charles Pardini	Levine-Fricke for Lennar
46. Dennis Robinson	Shaw Environmental & Infrastructure, Inc
47. Deborah Santana	Mills College Ethnic Studies Dept
48. Clifton J. Smith	CJ Smith and Assonates, Eagle Environmental Construction
49. Derek Smith	Marinship Construction
50. Michael Strauss	Attendee

- 51. David Terzian
- 52. Allison Turner
- 53. Dane Tyson
- 54. Terrence Valen
- 55. Jackie Wright

The Point
Katz & Associates
Shiloh Foundation
Literacy for Environmental Justice
Pendergrass & Associates

ATTACHMENT B

22 JANUARY 2004 - RAB MEETING
ACTION ITEMS

Item No.	Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
Carry-Over Items				
1.	Navy to provide information to Jesse Mason regarding additional bonding/radioactive waste hauling certifications, if any.	February RAB	Navy/RASO	
New Items				
1.	Navy to determine if any of the Parcel D and E TCRA areas were previously addressed in the 2001 TCRA	February RAB	Navy/P. Brooks	
2.	Include sample dates and analytical results of the 2001 TCRA in the work plan for Parcel D and E TCRA	Include in draft TCRA work plan	Navy	

Hunters Point Shipyard
RAB Member Roll-Call Sheet

Current RAB Members		
Name	Affiliation	Anniversary Date
Community		
Brown, Lynne	Community Co-chair, Communities for a Better Env.	Apr 03
Asher, Lani	Artist on the Shipyard	July 05
Bushnell, Barbara	ROSES	July 05
Campbell, Maurice	New California Media	Sept 04
Dacus, Sr., Charles L.	ROSES, Resident	Oct 05
Franklin, Marie J.	Shoreview Environmental Justice Movement	Sept 04
Harrison, Marie	San Francisco Bayview Newspaper	July 05
Hasegawa, Mitsuyo	JRM & Associates	July 03
Jackson, Helen	All Hallows Gardens Residents' Association	Sept 04
Laulu, Lisa	All Islanders Gather As One	Dec 05
Loizos, Lea	ARC Ecology	Feb 05
Lutton, Kevyn	Resident	Sept 04
Manuel, J.R.	JRM & Associates	July 05
Mason, Jesse	BVHP Advocates	July 05
Morrison, James	Resident	Sept 04
Oliva, Georgia	Artist on the Shipyard	Dec 04
Pierce, Karen	BVHP Democratic Club	June 05
Ripley, Sam	All Islanders Gather As One	Dec 05
Rines, Melita	India Basin Neighborhood Association	Jan 04
Shin, Harry	Associated Builders	June 05
Sumchai, Ahimsa Porter	BVHP Health & Environmental Resource Center	Mar 03
Tisdell, Keith	Resident	Mar 03
Tompkins, Raymond	BVHP Coalition on the Environment	Apr 03
Wright, Leilani	JRM & Associates	July 05
Regulators		
Brownell, Amy	SF Dept. of Public Health	
Forman, Keith	Navy Co-chair, SWDIV	
Lamphar, Tom	Cal. Dept. of Health Services	
Lane, Jacqueline Ann	U.S. EPA Region IX	
Meillier, Laurent	Regional Water Quality Control Board	
Menack, Julie	Regional Water Quality Control Board	
Work, Michael	U.S. EPA Region IX	

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6 HUNTERS POINT SHIPYARD
7 RESTORATION ADVISORY BOARD
8
9
10 REPORTER'S TRANSCRIPT OF MEETING
11
12 February 26, 2004
13
14 Dago Mary's Restaurant
15 Hunters Point Shipyard, Building 916
16 Donahue Street at Hudson Avenue
17 San Francisco, California
18
19 Reported by Christine M. Niccoli, RPR, C.S.R. No. 4569
20 *****
21 NICCOLI REPORTING
22 619 Pilgrim Drive
23 Foster City, CA 94404-1707
24 (650) 573-9339
25 CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA

Page 1

1 PARTICIPANTS
2
3 FACILITATOR: JACKIE WRIGHT - Pendergrass & Associates
4 CO-CHAIRS: KEITH FORMAN - United States Navy SWDIV
5 LYNNE BROWN - Communities for a Better
6 Environment (CBE), Community
7 First Coalition (CFC)
8
9
10 RAB MEMBERS
11
12 LANI ASHER - Communities for a Better Environment (CBE),
13 Community First Coalition (CFC)
14 AMY BROWNELL - San Francisco Department of Public Health
15 MAURICE CAMPBELL - Business Development, Inc. (BDI);
16 Community First Coalition (CFC); New California Media;
17 NEW BAYVIEW NEWSPAPER
18 CHARLES L. DACUS, SR. - Hunters Point resident,
19 R.O.S.E.S.
20 MITSUYO HASEGAWA - JRM Associates
21 JACQUELINE ANN LANE - U.S. Environmental Protection
22 Agency (EPA)
23 LISA LAULU - All Islanders Gathering As One (A.I.G.A. 1)
24 LEA LOIZOS - Arc Ecology
25 KEVYN D. LUTTON - Resident

Page 2

1 RAB MEMBERS [Cont.]:
2
3 J. R. MANUEL - JRM Associates, India Basin resident
4 JESSE MASON - Community First Coalition (CFC)
5 JULIE MENACK - San Francisco Bay Regional Water Quality
6 Control Board
7 GEORGIA OLIVA - Communities for a Better Environment
8 (CBE), CCA member
9 MELITA RINES - India Basin Neighborhood Association
10 SEALI'IMALIETO SAM RIPLEY - Samoan American Media
11 Services
12 AHIMSA PORTER SUMCHAI - Bayview-Hunters Point Health &
13 Environmental Resource Center (HERC)
14 KEITH TISDELL - Hunters Point resident
15 RAYMOND TOMPKINS - Bayview-Hunters Point Coalition on
16 the Environment
17 MICHAEL WORK - U.S. Environmental Protection Agency (EPA)
18 LEHUANANIKEALAKAUILANIALOHILANILEILANI WRIGHT - JRM
19 Associates
20 ---oOo---
21

Page 3

1 OTHER ATTENDEES
2
3 ARVIND ACHARYA - Innovative Technical Solutions, Inc.
4 (I.T.S.I.)
5 ANDREW L. BOZEMAN - Southeast Sector Community
6 Development Corporation
7 AMY BROOKS - Community First Coalition
8 ADON CAPOBRES - San Francisco Redevelopment Agency
9 FRANCISCO DA COSTA - Environmental Justice Advocacy
10 DARYL DeLONG - New World Environmental Inc.
11 BENJAMIN FEICK - Waste Solutions Group (WSG)
12 LINO FRAGOSO - United States Navy Radiological Affairs
13 Support Office (RASO)
14 WILLIAM HANEY - New World Technology
15 CHRIS HANIF - Young Community Developers (YCD)
16 CAROLYN HUNTER - Tetra Tech EM Inc.
17 RONALD WM. KEICHLINE - Innovative Technical Solutions,
18 Inc. (I.T.S.I.)
19 SHERLINA NAGEER - Literacy for Environmental Justice
20 (LEJ)
21 DANIELLE PACIFICO-COGAN - Office of Congresswoman Nancy
22 Pelosi
23 JOHN POLYAK - New World Environmental Inc.
24 DENNIS M. ROBINSON - Shaw Environmental &
25 Infrastructure, Inc.

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1 OTHER ATTENDEES [Cont.]:
2
3 DAVID ROGERS - Mendelian Construction
4 RANON ROSS - SF Brown Bombers
5 LEE H. SAUNDERS - United States Navy
6 CLIFTON J. SMITH - C.J. Smith & Associates, Eagle
7 Environmental Construction
8 DEREK SMITH - Marinship Construction Services, Inc.
9 GLENN STARR - Tetra Tech Foster Wheeler (TTFW)
10 KAREN STEARNS - Singer Associates
11 DAVID TERZIAN - The Point
12 ALLISON TURNER - Katz & Associates
13 JULIA VETROMILE - Tetra Tech EM Inc.
14 OLIN WEBB - Bayview-Hunters Point Community Advocates
15 JASON WEBSTER - Shipyard artist
16 PETER WILSEY - San Francisco Department of Public Health
17 STEFANIE YOW - Office of Congresswoman Nancy Pelosi
18 ---oOo---

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1 SAN FRANCISCO, CALIFORNIA, THURSDAY, FEBRUARY 26, 2004
2 6:05 P.M.
3 ---oOo---
4 MS. J. WRIGHT: Good evening, ladies and
5 gentlemen. My name is Jackie Wright, and I just would
6 like to go ahead and introduce myself. I will be
7 facilitating the meeting this evening. Got a lot to
8 cover. We're starting a little bit late.
9 We're going to start with, of course, welcoming
10 you here and your participation. And we want to begin
11 with introductions.
12 My name is Jackie Wright, and I will be here
13 this month facilitating for Marsha Pendergrass. Marsha
14 will be back here next -- the next month's meeting, and
15 we're going to go around the table and introduce
16 ourselves. We're going to pass the mike. And then
17 additionally, the audience that is here as well, you get
18 to introduce -- introduce yourselves as well.
19 MR. BROWN: Good evening. Lynne Brown,
20 co-chair, Restoration Advisory Board.
21 MR. FORMAN: Keith Forman, Navy BRAC
22 Environmental Coordinator and co-chair Restoration
23 Advisory Board.
24 MR. MANUEL: J. R. Manuel, J. R. Manuel
25 Associates.

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1 MR. WORK: Michael Work with the U.S.
2 Environmental Protection Agency.
3 MS. MENACK: Julie Menack, Regional Water
4 Quality Control Board.
5 MR. RIPLEY: Seali'malietoa Sam Ripley. I'm a
6 resident of San Francisco.
7 MR. BOZEMAN: Andrew Bozeman, alternate for
8 Marie Harrison who represents SAN FRANCISCO BAY VIEW
9 newspaper.
10 MR. DACUS: Charles L. Dacus, Sr., ROSES and
11 also a RAB member.
12 MS. SUMCHAI: Ahimsa Sumchai, RAB member.
13 MS. RINES: Melita Rines, India Basin
14 Neighborhood Association.
15 MR. TISDELL: Keith Tisdell, resident.
16 MS. LAULU: Lisa Laulu, Hunters Point resident.
17 MR. KEICHLINE: Ron Keichline, I.T.S.I.
18 community relations.
19 MR. ACHARYA: Arvind Acharya, I.T.S.I.
20 MS. LUTTON: Kevyn Lutton, Community First
21 Coalition, RAB Board.
22 MR. CAMPBELL: Maurice Campbell, CAC.
23 MS. LOIZOS: Lea Loizos, Arc Ecology.
24 MS. ASHER: Lani Asher, Shipyard artist.
25 MS. OLIVA: Georgia Oliva, Shipyard artist.

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1 MS. BROWNELL: Amy Brownell, San Francisco
2 Health Department.
3 MR. ROBINSON: Dennis Robinson, Shaw
4 Environmental.
5 MS. TURNER: Allison Turner, Katz & Associates
6 MS. BROOKS: Amy Brooks, Community First
7 Coalition.
8 MS. LANE: Jackie Lane, EPA community
9 involvement.
10 MS. STEARNS: Karen Stearns, Singer Associates.
11 MR. FEICK: Benjamin Feick, Waste Solutions
12 Group.
13 MR. WEBSTER: Jason Webster, Shipyard artist,
14 Building 366.
15 MS. HUNTER: Carolyn Hunter, Tetra Tech.
16 MR. DA COSTA: Francisco Da Costa, Director
17 Environmental Justice Advocacy.
18 MR. STARR: Glenn Starr . . .
19 THE REPORTER: I'm sorry. I couldn't hear you.
20 I'm sorry?
21 MR. STARR: Glenn Starr, S-t-a-r-r.
22 MR. DeLONG: Daryl DeLong, New World
23 Technology.
24 MR. HANEY: Bill Haney, New World Technology.
25 CMDR. FRAGOSO: Lino Fragoso, RASO.

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1 MR. POLYAK: John Polyak, New World Technology.
2 MS. NAGEER: Sherlina Nageer, Literacy for
3 Environmental Justice.
4 MS. J. WRIGHT: We're going to try to stay on
5 time. We're a little bit late, but we're going to move
6 forward with the business of the evening.
7 And one of the first things we want to do is
8 review the agenda for everyone to take a look at it. If
9 there are any additions or changes or any adjustments
10 that we to make, please speak up now.
11 It seems all in order with everyone. So what
12 we're going to do is, the first action item that we're
13 going to take is take a look at the minutes. And
14 hopefully, everyone's had an opportunity to review the
15 minutes from our January 2nd [sic] meeting.
16 Can I get a motion from someone on it? Or --
17 MR. BROWN: I make a motion --
18 MS. RINES: I make motion to accept the
19 minutes.
20 MR. RAB MEMBER: Second.
21 MS. J. WRIGHT: It's been moved and second.
22 Any discussion on the minutes? Any changes?
23 It's been moved and second. Call for the vote.
24 All in favor?
25 THE BOARD: Aye.

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1 MS. J. WRIGHT: All right. Moving on to our
2 agenda. The first thing we're going to do is take a
3 look at our action items for this evening. There are a
4 couple.
5 There's a carryover from last month, and that
6 is for the Navy to provide information to Jesse Mason
7 regarding additional bonding/radioactive waste hauling
8 certification -- certification, if any. And I'm sure
9 that's probably going to be reported in the Na- --
10 that's going to be given in the Navy's report.
11 MR. FORMAN: No.
12 MS. J. WRIGHT: Okay.
13 MR. FORMAN: No. But I believe that was --
14 Is Jesse here?
15 MR. MASON: Right here.
16 MR. FORMAN: Mark Gelsinger gave you that
17 information. Right?
18 MR. MASON: No. I don't remember it.
19 MR. CAMPBELL: No, he didn't.
20 MR. MASON: I don't remember. We didn't get it
21 at that meeting.
22 MR. FORMAN: Well, is he working on it
23 or . . . ?
24 MS. J. WRIGHT: Well, it seems that's an item,
25 obviously, that's going to have to be carried over.

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1 MR. FORMAN: Okay.
2 MS. J. WRIGHT: And we'll follow up on it.
3 Yes, sir, Maurice?
4 MR. CAMPBELL: I believe the point is
5 additional insurance on it.
6 MR. MASON: Yeah. That's what we were talking
7 about.
8 MR. ATTENDEE: Not bonding?
9 MR. CAMPBELL: Not bonding.
10 MS. J. WRIGHT: Well, we'll get clarification
11 on what the exact information is going to be provided,
12 and it will be carried on over to the next meeting.
13 MR. FORMAN: Okay.
14 MS. J. WRIGHT: There are a couple of new
15 items, I understand. And that is the Navy to determine
16 if any of the Parcel D and E TCR [sic] areas were
17 previously addressed in the 2001 TCR [sic]. And then
18 also include sample dates and analytical results of the
19 2001 TCRA in the work report [sic] for Parcel D, E and
20 TCRA [sic].
21 So I expect that maybe that might be addressed
22 in --
23 MR. FORMAN: I'm going to talk to that.
24 MS. J. WRIGHT: Okay. Okay.
25 So at this time, we're going to go to Keith

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1 Forman for the Navy announcements.
2 MR. FORMAN: Okay. Great. Thank you.
3 Okay, everybody. A couple of quick
4 announcements if I could have your attention. Commander
5 Lino Frago, Ph.D; he's from RASO --
6 MR. TISDELL: Who's that?
7 MR. FORMAN: -- Radiological Affairs Support
8 Office. He's here tonight to give a presentation on
9 something we're issuing today, and that's the draft
10 final Historical Radiological Assessment, the
11 long-awaited HRA for the base.
12 There is a fact sheet that you should have
13 picked up, Fact Sheet No. 5 in our series. That's
14 available to you.
15 And we're going to have something called the
16 Historical Radiological Assessment Information Day.
17 And Ron, if you could write that up somewhere
18 on the -- on the -- butcher paper there.
19 And that's going to be on Saturday, March 20th,
20 at the E. P. Mills facility; and it's going to be from
21 11:00 to 3:00. Okay? And we're going to be doing ads
22 to support that, and we'll do an e-mail to support that
23 too.
24 But the idea is this: If you have any interest
25 at all or any questions and you want to talk to Navy and

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1 RASO up close and personal looking at things in a -- for
2 an exchange of information where you just want to talk
3 to us about your concerns, go to -- go to this HRA
4 Information Day. We're putting it on just for you and
5 the rest of the community if you have any questions.

6 And again, that's 11:00 to 3:00 on Saturday,
7 March 20th, at the E. P. Mills facility.

8 Okay. Prior to that -- and this will answer
9 many of the questions on the Parcel D time-critical
10 removal action action memo on March 9th -- that's a
11 Tuesday -- at 6:30 in the evening here at Dago Mary's,
12 we're going to have a public meeting, and I'm going to
13 do a presentation on the Parcel D time-critical removal
14 action and everything it involves.

15 And I invite you and anyone from the community
16 you want to bring here to talk -- to listen to my talk
17 and then ask me questions about our removal action on
18 Parcel D. And that's, again, March 9th at 6:30 here at
19 Dago Mary's.

20 In addition to that, on Saturday, March 27th,
21 okay, again at the E. P. Mills facility, this time from
22 10:30 to 3:30, is another community outreach opportunity
23 for us. You can see these fliers on the back table. If
24 you don't have one, you can -- you can get with Ron.
25 This is for our Business Contracting Expo, opportunities

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1 at Hunters Point Shipyard.

2 MR. BROWN: Ron.

3 MR. FORMAN: Okay. What this is about is
4 getting with independent businessmen, like independent
5 truckers, getting together with small businesses in the
6 community and getting together with community members
7 and organizations, like YCD, that groom employees for
8 work in these companies that involve environmental
9 cleanup, things like that. It's your opportunity to
10 interface with not only the Navy, but the Navy's
11 contractors.

12 Couple things we're going to do there on
13 Saturday is, you're going to learn about the available
14 contracts on the base. You're going to meet with
15 representatives not only from the Navy, but from our
16 contractors. And those contractors include Tetra Tech
17 Foster Wheeler, I.T.S.I., The Shaw Group, SULTECH, ERG
18 and TPA-CKY, to name a few of the prime contractors.

19 We're also going to have the Small Business
20 Association -- Administration there and the Young
21 Community Developers and the -- and we're going to get
22 together, and we're going to talk about potential
23 employment opportunities and how the Navy is going above
24 and beyond --

25 MR. BROWN: -- the call of duty.

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1 MR. FORMAN: -- to try -- to try and increase
2 and -- and really maximize the opportunities for small
3 businesses in this area to employ people in this area
4 to -- to -- in our -- in our environmental cleanup
5 program.

6 We've been working with Maurice Campbell on
7 this, and we're -- I think this is going to be much
8 better than the contracting business information fair
9 that we put on about a year ago, and I welcome everybody
10 to come. It's Saturday, March 27th, 10:30 a.m. to
11 3:30 p.m.

12 We'll also be talking with you -- we'll have
13 knowledgeable people there that will talk with you about
14 getting help with certifications, licensing, and other
15 requirements for some of the special needs in order to
16 do some of the jobs that will become available out there
17 at Hunters Point during our environmental cleanups.

18 Okay. So the three key dates I mentioned,
19 again, March 9th for the public meeting on Par- --
20 Parcel D, March 20th for the HRA Information Day, and
21 March 27th for the contracting business expo for Hunters
22 Point.

23 Couple other items. You won't see Pat Brooks
24 here tonight most probably. We had to split up. He's
25 at a community meeting for Portola Silver Terrace, and

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1 he's over there manning the booth and talking about the
2 needs of the environmental cleanup program. It's part
3 of our outreach. We're talking to Asian-Americans and
4 some Hispanics in the community about the status of the
5 program and opportunities in the future. So that's
6 where he's at tonight.

7 In addition to that, I'll let Commander Fragoso
8 talk more about why Laurie Lowman isn't here. I know we
9 expected her and we wanted her here, but she just
10 couldn't make it tonight.

11 That's all I've got.

12 MR. BROWN: I don't have anything.

13 MS. J. WRIGHT: Okay. Without any further
14 reports from the community co-chair, we'll just get
15 right into our subcommittee reports. And I think the
16 last comment about the March 27th date that had to do
17 with the economic development is a good segue for the
18 Economic Development Committee.

19 MR. CAMPBELL: Sure.

20 MS. J. WRIGHT: Maurice Campbell?

21 MR. CAMPBELL: That will be fine.

22 MS. J. WRIGHT: Okay.

23 MR. CAMPBELL: Yeah. I think it's very, very
24 important to members of the community to be there if
25 they are looking at doing business in the future with

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1 the Navy. The SBA will be -- will be there, and
2 we're -- hopefully, we'll get people certified.
3 As far as the Economic Committee is, in our
4 last meeting, I believe most of the primes and some --
5 some of the 8-A's are trying to do as much business
6 locally, buying water, getting copying done, et cetera.
7 So we're looking at some changes in the numbers, and we
8 will be monitoring those. And it's also written into
9 the contracts now about doing business locally.

10 Okay. That will summarize it for me. Thank
11 you.

12 MS. J. WRIGHT: Are there going to be
13 additional of our community on this? Who is going to be
14 responsible for that, getting the word out?

15 MR. FORMAN: They -- Maurice . . .
16 (Sotto voce discussion.)

17 MS. J. WRIGHT: I was just asking about the
18 community outreach and getting the word out about the
19 date on the 27th, since it is -- would affect people's
20 employment, and that's all kinds of opportunities.

21 MR. FORMAN: Yeah, I can. Yeah.

22 The -- We're going to be doing the advertising
23 for that and the mail-outs, and we're going to be
24 advertising in the local newspapers and in the larger
25 newspapers as well but also BAYVIEW. And then Maurice

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1 for his part is going to be networking with his contacts
2 to get the word out.

3 MR. CAMPBELL: Yeah. One other item. I have a
4 radio show -- radio show scheduled before that. I will
5 announce it on the air also.

6 MR. FORMAN: Terrific.

7 MR. CAMPBELL: Yeah. The next Economic
8 meeting --

9 MR. FORMAN: Is that -- is that radio show --
10 is that on KFOG?

11 MR. CAMPBELL: KPOO.

12 MR. FORMAN: KBAY?

13 MR. CAMPBELL: KPOO, 89.5.

14 MS. J. WRIGHT: Maurice, you said you had a
15 date, another meeting -- to meet at the next meeting?

16 MR. CAMPBELL: Yes. That will also be on
17 March 9th.

18 MS. J. WRIGHT: March 9th?

19 MR. CAMPBELL: It will be at 2:30 at the Anna
20 Waden Library.

21 MS. J. WRIGHT: Okay. March 9th, 2:30, and at
22 the Anna Warden library.

23 MR. CAMPBELL: Anna Waden Library, yes.

24 MS. J. WRIGHT: Anna Waden Library.

25 Okay. Moving on to our -- the rest of our

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1 community reports. There's the combined committee, if I
2 was reading my notes correctly; and if I remember
3 correctly, the radiological issues, Technical Review and
4 Risk Review and Health, they were combined. And I
5 believe Lea had -- is providing the leadership for that.

6 MS. LOIZOS: I just had a quick question. Am
7 I --? Have we decided officially that I'm also the
8 Health Risk Subcommittee?

9 MR. BROWN: No.

10 MS. LOIZOS: Okay, because that seems like
11 maybe a little bit too much.

12 Well, we had a -- kind of a brief informal
13 meeting last time. There was just a couple of us. So I
14 didn't type up any notes.

15 We're kind of reviewing how a groundwater
16 monitoring plan is reviewed and looked at some of the
17 regulator comments.

18 And then we also were kind of reviewing the use
19 of the administrative record.

20 We have a couple -- I have a couple of
21 questions from the subcommittee for the Navy. What are
22 those questions . . .

23 First, when will the data from the most recent
24 sampling done on Parcel F be provided? Is there a date
25 for that for the release of the data from the latest

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1 sampling of Parcel F, Keith?

2 MR. FORMAN: I don't -- You're -- you're
3 expecting me to answer now --

4 MS. LOIZOS: Well, okay.

5 MR. FORMAN: -- without a schedule in front of
6 me?

7 MS. LOIZOS: That is my question. Sorry.

8 MR. FORMAN: Yeah. I thought you were putting
9 these questions in the record. I mean, do you want --?

10 MS. LOIZOS: Okay. That's fine. I thought
11 maybe you might know that one off the top of your head.

12 MR. FORMAN: I think I do, but I don't want to
13 guess.

14 MS. LOIZOS: Okay.

15 And then there were some concerns about the
16 pump that overflows -- that overflowed to Parcel E
17 recently, the pump stations or whatever. It's like -- I
18 don't know what the old building number is.

19 But there were concerns that there were some
20 remaining contamination there; and I guess in the past,
21 requests had been made to get sampling done in there by
22 some of the community members. I think this is prior to
23 my -- I don't -- do you know --? I -- so anyway.

24 MR. FORMAN: Okay. Go ahead and put that in
25 the record.

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1 MS. LOIZOS: People are wondering if sampling
2 was ever done in that area.
3 MR. FORMAN: Yes.
4 MS. LOIZOS: Okay. So our next meeting is
5 going to be very important clearly since both the work
6 plan for the time-critical removal action is out as well
7 as the HRA.
8 So we'll have our first meeting on Tuesday,
9 March 16th, at 6 o'clock at the Community Window on the
10 Shipyard, 4634 Third Street. That will be the first of
11 several, I'm sure.
12 MR. FORMAN: Do you --? Is this --? Do you
13 want the Navy to come? Do you want us to come?
14 MS. LOIZOS: I --
15 MS. J. WRIGHT: For the next full report for
16 the next meeting?
17 MR. FORMAN: Well, no. There's two -- She --
18 It is the prerogative of the RAB and the prerogative of
19 Lea to either -- sometimes they have subcommittee
20 meetings where they want to just get together, and
21 sometimes they want us to come.
22 MS. LOIZOS: Let's talk at the break.
23 MR. FORMAN: Okay.
24 MS. J. WRIGHT: So the next subcommittee report
25 would be the Risk Review and Health and . . .

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1 MS. LOIZOS: That -- that's Karen Pierce's
2 subcommittee, and they -- I can tell you that it didn't
3 meet.
4 MR. BROWN: It didn't meet.
5 MS. J. WRIGHT: All right.
6 MS. LOIZOS: And I don't know what it's about.
7 MS. J. WRIGHT: Okay.
8 All right. The next --
9 MS. SUMCHAI: Before we go, maybe we should all
10 talk during the break. I am going to be back with you;
11 and as long as I can hold a subcommittee meeting that's
12 not in the evening times, there's not going to be a
13 problem for me with assuming responsibility for the
14 radiol- -- Radiological Subcommittee; and, you know,
15 there may be some areas of the health risk that we can
16 also explore.
17 But certainly, we need to coordinate the
18 committee structure in keeping with the event that
19 you're going to be having on the -- let's see. You're
20 having --
21 MR. FORMAN: 20th.
22 MS. SUMCHAI: You're having it on the 20th also
23 to discuss the HRA. So we don't want to get things --
24 have things redundant. So we should just talk.
25 MR. FORMAN: And the fact it's not -- Ahimsa,

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1 it's not out of the question if you wanted to -- one
2 option you have is to hold the subcommittee meeting
3 there at the same time --
4 MS. SUMCHAI: That will be wonderful.
5 MR. FORMAN: -- if you -- if you wish.
6 MS. SUMCHAI: Yeah. There needs -- there needs
7 to be some advance -- yeah.
8 MR. KEICHLINE: That will be on the 20th
9 of March? That's the meeting you're talking about?
10 MR. FORMAN: Yes. Saturday, the 20th, is the
11 HRA Information Day; and if the -- if the Radiological
12 Subcommittee, because so many of the players are going
13 to be there, if you want to -- if you do want to
14 schedule it then, that would be a great opportunity to
15 get real-time answers to questions.
16 MS. SUMCHAI: Okay. Well, let's just do it
17 then.
18 MR. KEICHLINE: All right.
19 MS. SUMCHAI: Schedule the meeting.
20 MS. LOIZOS: Okay. So I am no longer in charge
21 of the Radiological --
22 MR. BROWN: Right.
23 MS. LOIZOS: -- Subcommittee?
24 MS. RINES: Right.
25 MS. LOIZOS: Okay. Thank you.

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1 MR. TISDELL: You're welcome.
2 MS. J. WRIGHT: And moving on to the --
3 Any other discussion on that?
4 Moving on to the next committee, the
5 Membership, Bylaws and Outreach, Melita Rines?
6 MS. RINES: Yeah, okay.
7 We met -- We had the committee meeting minutes
8 typed up. Basically, we were still -- still don't have
9 the term sheet for SFPD because they have not gotten
10 back to Redevelopment on it, and we can't see it until
11 they have signed off on it in that they agree, and then
12 it will be open to discussion. And so we're still
13 working on that.
14 The big issue that we came up with is, we
15 have -- presently we have three RAB members that have to
16 be removed from the Board based on the fact that they
17 have missed four meetings. It's Harry Shin, James
18 Morrison, and Helen Jackson.
19 Now, what we're doing is, we have -- we also
20 have a letter, a form letter, that's going to go out
21 stating that, you know, we notified the people ahead of
22 time, and then we tell them, and they sign off on
23 this -- Keith and Lynne sign off on this letter,
24 explaining that they have to be removed.
25 They are more than welcome to come back on, but

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1 we've got to keep it moving. If you miss four, for
2 whatever reason, you have -- you are removed
3 automatically; but you can come back on.
4 The other thing we discussed at the meeting is
5 the lack of attendance. We don't know what to do now.
6 We're still not getting a lot of people coming to the
7 subcommittees, and I need to bring it up to everybody
8 once again. When we have these issues that are
9 administrative and things of that nature, they need to
10 be addressed in subcommittees.
11 So if there's problems about how many people
12 are on the Board or how it's working, people need to
13 come to these -- come -- come to the Membership/Bylaws
14 Subcommittee so we can discuss it, because I don't want
15 to take up the full time to do this. I know it needs to
16 be done, but that's what the subcommittees were
17 created for.
18 So basically, I want to try to get more people
19 to come to the meetings, or else I'm not going to hold
20 the meetings if we don't have anything to discuss
21 because, you know, everybody's time is important -- is
22 important.
23 And that's it.
24 MS. J. WRIGHT: Okay.
25 MS. RINES: Next meeting is March 10th,

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1 Wednesday, at the Anna Waden Library at 6:30.
2 MR. BROWN: May -- Don Capobres is right over
3 here. You can ask him about the police department out
4 here at the Shipyard, the term sheet.
5 MR. DACUS: Where you at?
6 MR. BROWN: He just came in.
7 MS. RINES: Don, did you get -- did the SFPD
8 sign off on the term sheet?
9 MR. CAPOBRES: No. We are still working --
10 Don Capobres, Redevelopment Agency. We are
11 still working with SFPD, but we are working very closely
12 with that subcommittee. We'll work with them as soon as
13 we get -- we get that back.
14 MS. RINES: Okay.
15 MS. J. WRIGHT: Well, any --?
16 MR. FORMAN: Can I -- can I just say one thing?
17 Yeah. Just to -- just to kind of reinforce
18 what Melita and Keith are saying here, that they do hard
19 work coming to the subcommittee meeting, and they really
20 would appreciate a better turnout. And Melita's very
21 open to hearing ideas from you. Just talk to her about
22 what you think needs to happen for you to become a part
23 of that subcommittee and attend.
24 For instance, when the term sheet from the SFPD
25 is turned over, the subcommittee's going to be where it

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1 happens and where it's discussed; and that's an issue
2 that I think more than just Keith Tisdell and Melita
3 Rines have an interest in.
4 So keep that in the back of your mind, and talk
5 to Melita when you have a chance, because she really is
6 interested in getting attendance up, and she often has
7 the Navy in attendance there. So Pat Brooks and I have
8 been coming at her request to these subcommittee
9 meetings, and occasionally we talk about more than just
10 the topics that are on the agenda too, and it's a pretty
11 good opportunity.
12 One thing we don't talk about is Raider Nation.
13 So Keith, put that away.
14 MR. MANUEL: I don't blame you. They losing
15 all the time. Why talk about them?
16 MS. J. WRIGHT: Well, we're at an interesting
17 point here on the agenda. We're a little bit of ahead
18 of time. It's at the point where we could have a break,
19 or we could go right into our presentation. So I --
20 MR. ATTENDEE: Break.
21 MR. ATTENDEE: Break.
22 MS. ATTENDEE: Right.
23 MR. TISDELL: Give the stenographer a break.
24 MS. J. WRIGHT: All right. Ten-minute --
25 ten-minute break. Okay.

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1 (Recess 6:31 p.m. to 6:39 p.m.)
2 MS. J. WRIGHT: If you make your way back to
3 the seats, please, as we continue our meeting.
4 If you make your way back to the seats, please,
5 as we continue our meeting.
6 MR. TISDELL: Let them know you mean it.
7 MS. J. WRIGHT: Thank you, Keith.
8 MR. TISDELL: Let them know you mean it.
9 MS. J. WRIGHT: And we'll have our Navy
10 co-chair please introduce our presenter, please.
11 MR. FORMAN: Okay. Okay, Keith.
12 All right. I am pleased to announce, I think,
13 for many of you the long-awaited presentation on the
14 long-awaited document, the Historical Radiological
15 Assessment, better known to us as the HRA. That
16 document is -- it's coming out. We've got a fact sheet
17 to support that.
18 But better than that, we have got -- we've got
19 Commander Lino Fragoso here, Ph.D. He's the officer in
20 charge of the N- -- the Navy Radiological Affairs
21 Support Office, known as RASO; and he's here to talk to
22 you about that and a couple of other things; and I
23 appreciate him coming out for that. And I'll hand it
24 over to Lino.
25 (Applause)

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<p>1 CMDR. FRAGOSO: Thank you. Good evening. 2 By all rights, Laurie should be here to do the 3 presentation. Unfortunately, as you well know, Dick has 4 cancer, and his treatment has not been working well. 5 So this week they started some more aggressive 6 treatment. In view of that problem, we didn't feel -- 7 she didn't feel that she should be here. 8 I talked to Dick this morning. He's doing 9 well. His chemotherapy is doing -- he survived the 10 first week. This is the first week that it started. So 11 we are praying and we're hopeful that everything will 12 come out okay. 13 But it seems like as it goes probably Laurie 14 will be able to be here on the 20th of March to be with 15 all of you. 16 I'm here just to give you a brief presentation 17 about the HRA. I mean, we've -- it's finished. 18 Thank -- I mean, thank -- thank you for Laurie and her 19 team. 20 And I would like to introduce John Polyak and 21 Bill Haney from New World Technology. They have worked 22 with Laurie a lot in the past 14 months to get this out. 23 And actually, they are here because I really 24 don't know the HRA as well as they do. They actually 25 did the research. They put the document together with</p> <p>Page 29</p>	<p>1 place. 2 The "Assessment of Impacted Sites," No. 7, 3 tells you the methodology that was used during -- during 4 the doc- -- using the document. 5 "Findings and Recommendations," No. 8, that is 6 the meat of the document, actually. It is a very easily 7 readable section, but it has just about all of the sites 8 that we are considering impacted. And I'll talk about 9 that a little bit later. Ultimately, "References" on 10 chap- -- on sec- -- Chapter 10. 11 Next one. 12 Has a glossary, acronyms, and four appendices: 13 "Radiation Overview," the "Interviews"; it has a 14 synopsis of all of the interviews that are included, the 15 "Historical Drawings and Photographs," and it comes with 16 three CDs of the reference documents that were used for 17 the do- -- for this document. 18 Next. 19 This is a draft-to-draft final comparison. The 20 first one, the draft that was actually prepared in March 21 of 2002, took two months to take -- prepare. This draft 22 final has taken 14 months. 23 The first draft was primarily using a R- -- the 24 RASO archives. The second draft we actually went to 25 14 archive locations, and we actually used some of the</p> <p>Page 30</p>
<p>1 Laurie. Laurie led the team, and they are here to 2 answer all of your questions, because I know I won't be 3 able to answer all of your questions. 4 So if you will please hold your questions until 5 the end of the presentation, then they can actually 6 comment. We can call them up, or I can call them up and 7 answer whatever questions you have. I know every time I 8 come here, you have about six or seven questions. 9 Next slide, please. 10 Well, the draft final was managed by RASO, 11 specifically by Laurie, and we began in January 2003. 12 We have made a pledge of getting it right, and for that 13 we did extensive review of federal and private archives. 14 I mean, we actually went to 14 different sites, looking 15 for archives. And when we did -- or the team, actually, 16 reviewed over 5,000 documents to get it right. And we 17 also sought some interviewees. 18 Many of you actually provided the names of some 19 of the people that we are associated with Hunters Point, 20 and others actually answered the advertisement in the 21 newspaper. 22 The main document is divided into ten main 23 sections: "Executive Summary," "Introduction," "Site 24 Identification and Description," the methodology that 25 was used, the "Regulatory Involvement," "History" of the</p> <p>Page 30</p>	<p>1 private documents for some people. 2 In the references, the draft only had 83. In 3 the draft final, we had 340 out of the 5,000 4 approximately that were reviewed. 5 Next one. 6 In interviews the draft only had 13 interviews. 7 The draft final, 179 persons were contacted. Out of 8 those 179, 34 were interviewed in depth because they had 9 knowledge of the radiological conditions of the Shipyard 10 and in NRDL. That's the Naval Radiological Defense 11 Laboratory. And it also includes 13 from the draft. 12 The result is that from the draft, we have 56 impacted 13 sites, and now we have 90 impacted sites. 14 Next slide. 15 Now, impacted sites, the definition of 16 radiological terms is very different from the chemical 17 world. I mean, you may get confused in the sense that 18 in the chemical world, we talk about impacted sites, and 19 you probably think it's contaminated. 20 In radiological terms -- and this is a term 21 that is used by the Department of Energy, the Regulatory 22 Commission, et cetera -- is one that has a potential for 23 radioactive contamination based on historical 24 information. It does not mean that it's contaminated. 25 It just means that it has the potential.</p> <p>Page 32</p>

1 It means that basically somebody went over to
2 that site, did some work that involved radiological
3 materials -- radioactive materials; and based on that
4 information, we assume that the place is impacted.
5 Okay. Next slide.
6 Out of the 882 total HPS sites identified, we
7 found 90 impacted sites: 4 in Parcel A, 14 in Parcel B,
8 12 in C, 17 in D, 33 in E, 2 in -- 2 sites in F, 1
9 off-base facility, and 3 sites that are basewide, and
10 I'll talk a little bit more about that later, and 4
11 sites that are Formerly Utilized Defense Sites.
12 FUDS, or Formerly Utilized Defense Sites,
13 actually belong to the Army Corps of Engineers. It
14 doesn't belong to the Navy.
15 Of the sites, you can see these are
16 highlighted, and you will see those maps actually in the
17 HRA. Dr. Sumchai has a copy of the HRA.
18 MS. SUMCHAI: Yes. I read it too.
19 CMDR. FRAGOSO: Okay. Wow, that's 800 pages.
20 Well --
21 MS. SUMCHAI: That I started at 2 o'clock
22 today.
23 CMDR. FRAGOSO: Okay.
24 And of the next slide, we'll see some of the
25 impacted sites out of the southwest. We had to divide

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1 the slides in two because basically we are going to put
2 it all together. In all you will see all of these
3 highlights throughout the document, especially on
4 Chapter 8.
5 Next one.
6 Parcel A impacted sites that we found,
7 basically Building 813, which was a site of leaking
8 strontium-90.
9 Building 816, this is an impacted site, but
10 realize that it was al- -- has already been released by
11 RASO and California Department of Health Services. So
12 it's a clean place.
13 Building 819 is the sanitary system pump
14 station. We do not believe that that building is
15 actually contaminated. But the pumps it- -- by itself
16 may be contaminated.
17 Building 821 has already also been released by
18 RASO and Cal. DHS.
19 Next.
20 Parcel B impacted sites. I'm not going to read
21 you all of the -- all of the buildings. You can -- You
22 will be able to read that later on in the HRA. But it's
23 basically the series 100 buildings; Site 114, which was
24 demolished; Dry Docks 5, 6, and 7; and Sites 7 and 18.
25 Next.

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1 Parcel C is the 200 series buildings; Dry Docks
2 2, 3, and 4.
3 Parcel D is the 300 series mostly and former --
4 former building sites. Former building sites are
5 basically sites that -- where the building was located
6 and it's no longer there. It's been destroyed; it's
7 been demolished.
8 The gun mole pier is also a place where -- that
9 was used during CROSSROADS, and some of the
10 contamination of the CROSSROADS ve- -- vessels was done
11 at the gun mole pier.
12 And there's one place that we found in the 1949
13 map, no other reference except on that map, it's called
14 the NRDL site. We are assuming that it was actually
15 used for storage of radioactive waste from the
16 contamination of the vessels, but we don't have any
17 other information. And this was just a little drawing
18 on a map in 1949.
19 Next one.
20 Parcel E. Basically a 500 series buil- --
21 Buildings 400 to 800 and former building -- 500 series
22 and the 700 series, former Shacks 79 and 80 and the
23 animal storage area and the waste triangle. The waste
24 triangle is an area near Building 707 that was used by
25 NRDL to store radioactive waste prior to being taken to

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1 the Farallon Islands for being -- for dumping.
2 Next one.
3 Of course, Parcel E is a big one too. So
4 Building -- we already went through it: Building 500
5 series, experimental shielding range. It's a range that
6 was used by NRDL to test shielding from radioactive
7 materials, from radiation, for protection of the
8 sailors.
9 So what they did is, they used different metals
10 and different thicknesses of the metal to make sure that
11 the sailors will be protected in case of nuclear
12 detonation.
13 Sites 1/21, 2, and 3; the radioactive materials
14 storage area in Building 704; the animal pens; salvage
15 yard; scrap yard; and the shoreline 1 1/2 miles away.
16 We have found radium-containing devices in the
17 shoreline, basically deck markers that were used on the
18 ships just during blackouts, used to make sure that
19 nobody fell overboard.
20 Next one.
21 Parcel F. This includes the underwater areas
22 on the ships for all 50 of them. What happens is,
23 during the CROSSROADS testing, all of the vessels that
24 were brought back here at Hunters Point, we don't know
25 where they were. We have not found documents that say,

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<p>1 okay, we put all of the ships from Berth 1 through 20 or 2 gun mole pier. 3 So instead of actually saying, well, giving -- 4 we are being very conservative here. We are just simply 5 saying we are assuming that all 50 berths are -- are 6 impacted. That doesn't mean, again, that they are 7 contaminated. They are impacted. We have to make that 8 assumption, since we don't have any other evidence 9 otherwise. 10 Okay. Next one. 11 Off-base impacted site: We found one. 12 Warehouse Building 418 is about 2 miles away from here. 13 It was one of four warehouses that was used by Hunters 14 Point, and it was used by NRDL for storage. 15 In 1970 the Atomic Energy Commission, which 16 later on got divided into the Department of Energy and 17 the Nuclear Regulatory Commission, did actually a survey 18 of the place, and it was cleared of radioactive 19 materials. It's currently vacant, and we don't know if 20 it's a FUDS right now, if it's a Formerly Used Defense 21 Site. So we have -- just declare it's possible FUDS 22 site. 23 Next one. 24 Basewide impacted sites. Okay. These are 25 utility systems that cross parcel boundaries; and we</p> <p>Page 37</p>	<p>1 Those are FUDS sites. They are off base. Basically, 2 they belong to the Army Corps of Engineers. They don't 3 belong to the Navy right now. 4 Next one. 5 This is the impacted FUDS sites, just a map 6 showing Building 815, 830. 7 Next one. 8 The site assessment. Okay. Section 8, which 9 is, as I said, the meat of the -- of the document, it 10 has an overview of each impacted site. Each building or 11 each site has been taken apart, and it has been 12 described. It has a history and has a site assessment 13 and also a recommended action, and we'll go through the 14 recommended actions in just a bit. 15 Also the categories is contamination potential, 16 contamination me- -- contaminated media, whether it's 17 water, groundwater, soils. The potential migration 18 pathways also include whether it's soil, whether it's 19 groundwater or surface water and, for example, the 20 movement of contamination through a sewer system. 21 The summary -- In summary, we know that there 22 is 90 impacted sites. Seventeen are known. Those 17 23 known, continued access, and that's an example of 24 Building 366. Thirty-two likely contaminated places and 25 forty-one unlikely, meaning that there's a very, very</p> <p>Page</p>
<p>1 have the storm drain system, the sanitary sewer system; 2 and it basically applies to those two systems that were 3 associated with NR- -- NRDL operations. 4 So if we -- look at the next slide. You will 5 see this is a storm drain system associated basically 6 where -- where you had the NRDL, and it just goes 7 through Parcel B, C, D, and E. And it excludes Parcel A 8 most. 9 The next slide, please. 10 Sanitary sewer system. Again, it just crosses 11 different boundaries and different parcels, mostly B, C, 12 D. 13 And the next one. 14 The impacted FUDS sites. Well, we have NRDL 15 main laboratory, Building 815. This was -- This 16 building has been surveyed numerous times. It has been 17 surveyed by NRDL when they left in 1969. 18 Then when the regulations changed -- it was the 19 mid '70s -- RASO at that point wanted to do another 20 survey based on -- and it was thought -- it was a very 21 extensive survey, and the contamination was not found at 22 that point. It is impacted. If there is any 23 contamination, it may be in some of the systems. 24 Building 820 is that -- is the Cyclotron 25 building; and Building 830, 831, is the animal colonies.</p> <p>Page 38</p>	<p>1 remote possibility of being contaminated. 2 And the recommended actions. Well, if a site 3 is impacted, one of the recommendations may be a scoping 4 survey, and this is the first -- a first type of survey 5 that you do in trying to determine if there's any 6 contamination. 7 Okay. We have an impacted site; we suspect 8 that it has potential contamination, let's find out. So 9 what we do is, we do our scoping survey, and this is 10 needed to identify the radionuclides if they are there 11 and the general levels and extent of contamination. 12 And the next one, if the place is contaminated; 13 if we find that it's actually contaminated through the 14 scoping survey, then we will go into characterization 15 survey, and these are the surveys that we require to 16 determine the extent of the contamination of the 17 radionuclides. And, of course, the results are used to 18 select what is the re- -- what will be the appropriate 19 remediation techniques. 20 Next one. 21 The next type of recommended action will be a 22 remediation. Now we know it is contaminated. So what 23 are we going to do about it? Well, what type of 24 techniques we are going to use? So this is a 25 recommendation.</p> <p>Page 40</p>

1 We don't discuss in the HRA the kinds of
2 techniques for remediation. Those will be evaluated in
3 a different document. But this is just our recommended
4 action.

5 Then we will -- after remediation, if we have
6 to do any type, we will go into a final status survey,
7 and this is the survey that is conducted to make sure
8 that the site meets current release criteria. It
9 usually follows remediation, but it can also be used to
10 verify surveys that were done in the past, actually meet
11 current standards.

12 For this we use actually a protocol based on
13 the -- called the MARSSIM protocol. It's used by the
14 Department of Energy, used also by Nuclear Regulatory
15 Commission, by EPA. So we just align ourselves to that
16 type of survey.

17 Next slide, please.

18 Now, there are some sites that will be
19 recommended for free release. This means that the
20 analysis of the previous investigations have shown that
21 this site is ready for review. So the data is there
22 right now, okay. It's -- The co- -- the contractors
23 have reviewed that data. They have passed it on to the
24 Navy and to all the regulators, and they are in the
25 process of reviewing this -- all these sites.

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1 Once we see that these sites meet the current
2 standards, then we can actually go into no further
3 action. So we mean that this place is now released.

4 Next slide, please.

5 Site recommendation summary. You will see that
6 out of the 90 impacted sites, 2 are no further action,
7 34 are recommended for scoping surveys, 20 are
8 recommended for characterization surveys, 5 are
9 recommended for remediation, 1 for final status survey,
10 and 28 are recommended for free release pending the
11 final review.

12 Conclusions. We conclude basically on
13 historical research that there's only low level of
14 contamination at the site. That's the -- only has been
15 found low levels of contamination. There's no evidence
16 right now of contamination migrating out of Hunters
17 Point and --

18 Excuse me? Oh, I'm sorry.

19 And we also conclude that the Shipyard tenants,
20 the community, and the environment are not at risk for
21 the previous radiological activities at HPS.

22 Could you wait for a minute, please?

23 On the presentation of the HRA, what we have
24 distributed right now was -- I believe that it was --
25 they started mailing it yesterday. So it should be

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1 received by persons on the distribution list within the
2 next few days. I believe it was sent FedEx.

3 There will be -- The plan period for comment
4 will be 60 days, from 27 of February to the 27th of
5 April.

6 Given the size of the document, approximately
7 800 pages, in order to do a proper review, we expect
8 that most of the regulators or some of the regulators
9 may ask for extension over 60 days. Of course, Keith
10 has already talked about the 20th of March meeting, and
11 we will have the HRA team over there, somebody from
12 RASO. Hopefully, Laurie will be able to come here and
13 answer your questions.

14 And once we get all of those comments from the
15 regulators and from the community, RASO will be -- will
16 go to response period, and we expect to have the
17 response period to RASO within 35 days.

18 Availability for the public. There's a Web
19 site. Downloaded from the Web site or ftp site, which
20 is the file transfer protocol, and you will find copies
21 available at the local libraries of Arc Ecology Window
22 on the Shipyard office.

23 And I believe that's all I have.

24 Next.

25 That was it. Any questions?

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1 MS. OLIVA: Oh, thank you. So good to see you
2 again.

3 CMDR. FRAGOSO: Good to see you too.

4 MS. OLIVA: I bet.

5 I have two questions. On Building 103, which
6 is filled with artists -- in fact, I rented for 12 years
7 in Building 104. I spent a lot of time in 103 -- you
8 state that the "review of final status survey report,"
9 now, has this -- this building been scoped already?

10 CMDR. FRAGOSO: It's on final status review?

11 MS. OLIVA: "Review of final status survey."

12 CMDR. FRAGOSO: Is that the conclusion there?
13 I don't remember all of the -- all of the sites.

14 MS. BROWNELL: That's what it says on the
15 table.

16 CMDR. FRAGOSO: Yeah, it is. It has been
17 scoped already.

18 MS. OLIVA: And what -- what were the results
19 of the scope? Did you find anything, or could you give
20 me --? It says in the structures and in the drains.

21 MR. HANEY: Building 103 --

22 MR. FORMAN: Bill -- Bill, could you just --?

23 It looks like you are going to have to be up there with
24 Lino, because it's not going to --

25 CMDR. FRAGOSO: John and Bill, could you please

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1 come over.
2 MR. TISDELL: More targets.
3 MS. OLIVA: Thank you very much.
4 MR. HANEY: Building 103 was used during the
5 CROSSROADS effort, more or less . . . [inaudible].
6 There was a change-out --
7 THE REPORTER: I'm having difficulty hearing
8 you.
9 MR. HANEY: I'm sorry.
10 THE REPORTER: Would you keep your
11 microphone --
12 MR. HANEY: There was change-out --
13 THE REPORTER: -- and I'm hearing sidebars
14 here.
15 MR. HANEY: It was change-out facility for
16 workers, for the Shipyard workers.
17 MS. OLIVA: Can you tell me what actual studio
18 spaces --?
19 MR. HANEY: There were no studio spaces that
20 were found contaminated. What we found was some minor
21 residual contamination in the drain lines.
22 MS. OLIVA: And the shower out on the second
23 floor?
24 MR. HANEY: In the drains, in the traps.
25 MS. OLIVA: In the traps. And that went down
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1 through the sewer system?
2 MR. HANEY: Would be the assumption.
3 MS. OLIVA: Were the restrooms used at the same
4 time, or are we only talking one -- one drainage area?
5 MR. HANEY: There was one drainage area. It
6 was a separate area set aside and segregated for the
7 Shipyard workers' use.
8 MS. OLIVA: Okay.
9 MR. HANEY: And it was -- again, it was at very
10 minor levels that were found in the trap.
11 MS. OLIVA: Minor levels of what?
12 MR. HANEY: Of cesium-137.
13 MS. OLIVA: Cesium-137. Thank you.
14 And what designation did you find in the
15 structure?
16 MR. HANEY: We found nothing in the structure.
17 What we did was, when we see contamination, we give the
18 structure a potential to be contaminated. And when we
19 did the scoping survey, there was nothing located in --
20 on the actual structure of the building.
21 MS. OLIVA: Even though it has an "L" under
22 structure?
23 MR. HANEY: It's low. What we didn't want to
24 do was absolutely exclude something until we had
25 confirmatory information one way or the other.
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1 So we did not -- we don't have the building
2 bought off. We have the information from the final
3 status survey that says there's nothing there, but it
4 hasn't been released yet.
5 MS. OLIVA: What about the people that have
6 been in there? I have one friend that had a studio in
7 there for 18 years.
8 MR. HANEY: It would probably be better for me
9 to let Lino address what the dose effects would be.
10 MS. OLIVA: Okay. Thank you.
11 MR. HANEY: But just in-general, they are so
12 low and so minimal that you would never see a physical
13 effect, and there was no way that they would have gotten
14 back out of that drain and back into the rooms.
15 MS. OLIVA: Well, the woman that had that
16 studio made paper in that studio and used that drain all
17 the time.
18 MR. HANEY: That would have been a flow down
19 the drain.
20 MS. OLIVA: Well, I don't know how you make
21 paper. But sometimes things come back up. Thank you so
22 much.
23 MR. HANEY: I don't know either.
24 MS. OLIVA: I have one other question.
25 MR. FORMAN: No. Let's move on.
Page

1 MS. OLIVA: Only one?
2 MR. BROWN: Can we move on? That was before
3 other people have questions too.
4 MS. SUMCHAI: Yeah. Save it for the 20th,
5 'cause, you know, there's a lot of information to be
6 covered.
7 MR. TOMPKINS: Mine will be brief. On page 16
8 of your piece on "HRA Conclusions," you state that
9 "low-level contamination has been found" at the sites.
10 Are these sites residential?
11 In other words, when we start a classification
12 usage of the property, is it safe to put a child in
13 there? Can I put a resident with unrestricted usage on
14 that property? Since you've classified it.
15 I'm trying to get clarity on what do you mean
16 by low-level contamination is an unrestricted use. Is
17 it residential without risk? Can I put a child in that
18 area? Can I grow vegetables?
19 CMDR. FRAGOSO: The levels that we have found
20 here are basically very low levels. They are non- --
21 levels that won't cause any kind of health effects. I
22 won't -- From my point of view, I won't have any
23 problems putting my kids to play around some of the
24 areas. I have no problems at all.
25 MR. TOMPKINS: "Some" or all?
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1 CMDR. FRAGOSO: In the ones that we have like
2 access, unrestricted access, I won't have any problems.
3 MR. TOMPKINS: So it's unrestricted.
4 Other question will be short. On your charts
5 that in previous testimony that was given here before
6 the RAB, it was practice, common practice as stated -- I
7 can't get to the actual draft -- that they would pour
8 radio contamination down the drains. And I -- am I
9 seeing on the charts there that there's one sanitation
10 sewage system and storm drain?
11 One, which drain was this material poured down,
12 and how far was scoping have you done to do a
13 determination on it? And what is the low risk level,
14 cumulative low risk -- low risk level of exposure to
15 human beings?
16 And again, also, after you do that, again, is
17 it restricted usage where it be on the industrial or is
18 it safe for residential usage, or would you need to pull
19 out all these storm drain systems to make it safe?
20 CMDR. FRAGOSO: Well, we have -- we have
21 found -- the contamination that we have found is near
22 the sites, right? We have not scoped all of the system,
23 okay. What we have done is, the whole sewer system has
24 been declared impacted just because we have found near
25 NRD- --

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1 MR. TOMPKINS: I'm sorry. I missed a word.
2 You had declared --
3 CMDR. FRAGOSO: -- that whole system impacted
4 because what we have found is con- -- low levels of
5 contamination in the drains near the NRD buildings.
6 Okay? We don't know if the whole system is
7 contaminated. We have to assume. We have to make a
8 conservative assumption because what we have found is
9 there's contamination in those -- in those drains.
10 MR. TOMPKINS: And sewage drains therefore
11 under that assumption, then you would assume, for
12 example, there may be clogs or an accumulation of
13 the --?
14 CMDR. FRAGOSO: There is a possibility.
15 There's a possibility that there may be as many as in
16 any drain system where you have bends or anything and in
17 those bends you have sewage that accumulates, there's a
18 possibility that there may be more accumulation in those
19 areas.
20 MS. J. WRIGHT: You have another question on
21 the other side.
22 MR. TOMPKINS: The only safe way is then to
23 remove the system?
24 MS. J. WRIGHT: If we could move on.
25 CMDR. FRAGOSO: Well --

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1 MS. J. WRIGHT: There's going to be additional
2 discussion that are going to be on the March 20th
3 meeting.
4 MS. ATTENDEE: Right.
5 MS. J. WRIGHT: So we can have more in-depth --
6 MR. TOMPKINS: Unfortunately --
7 MS. SUMCHAI: I -- I have some comments I want
8 to make because they represent time-constraint issues,
9 and I will focus my concerns on the very aggressive
10 efforts to transfer Parcel A and the impact that the HRA
11 has on that transfer.
12 First let me correct you. You said that the --
13 you know, the draft final HRA is finished. It's not
14 finished. It's open to comment until April the 27th,
15 and then a final document will be issued, and based on
16 what I just preliminarily -- I haven't had a chance to
17 review since 2 o'clock this afternoon -- there's quite a
18 bit of meat with regard to issue here.
19 With regard to Parcel A, there's some very,
20 very real issue. The Buildings 813 and Building 819 --
21 let me read from the HRA 82: "A parcel is not
22 transferred from the Navy until all requirements to
23 unrestricted release of the property have been met."
24 813 and 819 are on Parcel A. 813 is a very
25 large structure. Building 819 is a smaller structure.

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1 But as we all have pointed out, prior to 1974, it had a
2 high potential for permissible releases into the storm
3 drain system, and these storm drains cross other parcel
4 boundaries. So as an adjacency issue, it's very, very
5 real. And then with regard to the immediate efforts to
6 transfer Parcel A, it's very, very real issue.
7 Building 813 they say that the potential for
8 contamination is not high. But there was a leaking
9 300 microcuries strontium-90 check source found there.
10 And I think you guys know that like with Building 821,
11 that building was supposed to have nothing in it. But
12 until we pressured, you know, to have it investigated
13 and there was some findings in the drain -- drains
14 there, it did turn out to have some positive findings.
15 So these are buildings that have real history
16 that suggest that they are impacted.
17 Now, according to the document, the Navy
18 released a proposed resolution of issues identified for
19 Parcel A. They are saying here that they revised the
20 boundary of Parcel A to exclude Building 813 and 819 to
21 remove any potential for impact to Parcel A.
22 The boundary here is -- let's see, I think this
23 is Spear Avenue. I -- I'm not sure how a building this
24 large can be excluded from the boundaries. But clearly,
25 in my mind, the fact that there are two buildings with a

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1 high potential for not only being, you know, impacted,
2 but contaminated up on this parcel, I mean, this is a
3 real issue.

4 The main concerns that I had is that the Navy
5 wants us to resolve the issues with regard to the FOST
6 by March the 11th, and we have decided that we are going
7 to have a big meeting to discuss the HRA on March the
8 20th.

9 So very, very clearly we are probably not going
10 to be able to review the HRA and significant
11 radiological findings that are in this document as it
12 pertains to this, you know, FOST. So I would encourage
13 the Navy to consider extending the deadline here.
14 There's very -- very, very strong, you know, compelling
15 arguments to do that.

16 Then in summary, let me just say that one of
17 the concerns I do have is that 815 disappears in this
18 document. Now, 815 is a FUDS. And there are areas
19 where it's designated as a FUDS. But 815 poses some
20 significant adjacency issues, because the Navy has
21 identified that it needs a scoping survey.

22 So now in addition to the four impacted
23 contaminated sites on Parcel A that are known, there is
24 the adjacency issue posed by Building 815 in their
25 recommendation that it undergo a scoping survey.

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1 So we need to just think a lot about what we
2 are doing with Parcel A.

3 MS. J. WRIGHT: With the comments that were
4 made, there was the question of additional time. That
5 was just a suggestion, or is there a request?

6 MS. SUMCHAI: It's a suggestion, but I don't
7 see how -- why would you expect people to respond to
8 the -- the issues here when you've got all these new
9 issue -- it doesn't -- this HRA doesn't even say what
10 you're going to be doing.

11 MR. FORMAN: Ahimsa, I think you're a little
12 confused.

13 MS. SUMCHAI: No, I'm not confused.

14 MR. FORMAN: You are. Hold on. Hold on.

15 MS. SUMCHAI: I have read -- I -- I've read to
16 you what is printed in documents. Now, tell me what I'm
17 confused about.

18 MR. FORMAN: You're confused because the
19 March 11th deadline is the deadline for the regulators
20 and anyone else who inputted comments that were
21 considered unresolved comments to look over and see the
22 Navy's response to those specific unresolved comments.

23 MS. SUMCHAI: Right.

24 MR. FORMAN: That deadline has nothing to do
25 with a draft final FOST deadline or the draft final HRA

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1 deadline.

2 MS. SUMCHAI: Yes, it does, because one of the
3 comments in your response is that the final additional
4 radiological surveys are required to Building 813,
5 Building 819, Pump Station A, and sanitary sewer main
6 lines associated with Building 819. Due to this
7 finding, the Parcel A boundary has been revised to
8 exclude these locations in order to remove any potential
9 impact.

10 This is relevant to the findings in the HRA
11 about these buildings and the efforts to transfer this
12 parcel.

13 MR. FORMAN: No, that's not true.

14 MS. SUMCHAI: It is true.

15 MR. FORMAN: No.

16 MS. SUMCHAI: What you guys don't want to deal
17 with is that you're trying to transfer Parcel A in the
18 face of mounting evidence that it is contaminated.

19 Now, as far -- as far as I'm concerned, the
20 Parcel A Record of Decision needs to be thrown out. It
21 needs to be legally thrown out. This is new evidence
22 that that parcel is significantly contaminated, and
23 these are buildings that have not been released by the
24 Department of Health Services, as is a requirement.

25 MS. J. WRIGHT: So with that -- with that in

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1 mind and that point that's been brought up, the
2 resolution can't be -- can't happen at this point in
3 time. So it's going to be in a follow-up meeting to
4 discuss those things to bring the resolution. So --

5 MR. FORMAN: Yes.

6 MS. J. WRIGHT: -- that could be --

7 MR. FORMAN: Yes.

8 And I -- my recommendation, Dr. Sumchai, is to
9 talk to me further on this so that we can go over it. I
10 don't want to belabor this in front of everybody. But
11 I'll show you the dea- -- the deadlines for the various
12 documents, and I think there is a source of confusion
13 here.

14 MS. SUMCHAI: No.

15 MR. FORMAN: Okay. Fine.

16 MS. SUMCHAI: I think it's just very obvious
17 that you're trying to push this through.

18 MS. J. WRIGHT: Well, let's agree to disagree
19 on this point, and we'll have a sidebar follow-up
20 meeting.

21 Keith, you had a question?

22 MR. TISDELL: Yes. I have a question
23 pertaining to Mr. To- -- Mr. Tompkins.

24 Now, you said you would feel comfortable in
25 putting your kids down on -- on -- down there after

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1 remediation?
2 MR. FORMAN: You mean Commander Fragoso.
3 MR. MANUEL: Yeah, not Tompkins.
4 MR. TISDELL: Yeah, okay. Now, now, with the
5 background of the people in Bayview-Hunters Point with
6 the cancer, asthma, and people who take cancer
7 treatments go through chemo which depletes their immune
8 system, you mean, you would be okay putting someone down
9 there who's going through cancer treatments, who immune
10 system isn't up to par like me or yours is?
11 CMDR. FRAGOSO: I got reiterate that the amount
12 of contamination that we have found here in the
13 buildings in Hunters Point are not the size -- is very
14 minimal. None of the levels that we have found are
15 actually considered health threatening. And the amounts
16 of material or radiation emitted is very, very minimal;
17 and I don't -- my professional opinion is that it won't
18 affect anybody that is undergoing chemo.
19 MS. J. WRIGHT: You have a question here.
20 MR. TOMPKINS: Point of clarification
21 pertaining to --
22 MS. J. WRIGHT: Okay.
23 MR. TOMPKINS: -- in terms of procedurewise and
24 then Dr. Ahimsa's issue that do we not have a period in
25 this meeting where if it's a point of action that we can

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1 make a resolution on that later on asking for an action
2 or issue to be addressed by this Board?
3 I've never before in all my meetings have tell
4 us that they can't do that, because she is a chair of
5 the committee that deals with the radiological studies.
6 MS. J. WRIGHT: Well, that question -- I did
7 ask that question --
8 MR. TOMPKINS: Just for procedural purposes.
9 MS. J. WRIGHT: -- and -- and it was not a
10 matter of saying what someone would not do, would or
11 would not do. The choice was to discuss this or -- at
12 another meeting. But no, I -- according to the -- to
13 the bylaws that I've looked at, yes, you can make
14 recommendations.
15 MR. TOMPKINS: And we can at a later time at a
16 meeting so do, right?
17 MS. J. WRIGHT: Yes.
18 MR. TOMPKINS: I'd so recommend Dr. Ahimsa, you
19 do so at a later time so your issues may be addressed
20 tonight.
21 MR. MANUEL: Well, actually, I -- I'm the one
22 that's supposed to have the floor right now.
23 CMDR. FRAGOSO: Oh, sorry.
24 MR. MANUEL: Now he's bogarting the floor.
25 CMDR. FRAGOSO: What?

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1 MR. TOMPKINS: He don't need no microphone.
2 MR. MANUEL: Well --
3 MR. TOMPKINS: Speak up.
4 MR. MANUEL: Okay. I have, like, a question
5 and a half. But before I go into that, before I lose
6 track of myself, to me, everyone that participates in
7 these meetings are -- are extended family.
8 MR. BROWN: Right.
9 MR. MANUEL: Everybody. And if any one of you
10 got sick, injured, or whatever, regardless of our
11 previous conflicts or whatever, I'd feel some kind of
12 loss.
13 I believe the only fitting thing here is to
14 make sure that we do something for Laurie and her
15 husband to make sure that we appreciate the work that
16 has been done here, and -- and their suffering is ours
17 because they put their lives and their hearts into
18 making sure we have something here to even argue about.
19 So I -- I would like to ask our artists maybe
20 if they could put some card or something together that
21 we could all sign and make sure that they get it to show
22 our appreciation. I mean, you guys are more qualified
23 than the rest of us as far as putting stuff together
24 artistic. You know, I -- I'd like to ask that, and I
25 don't have to get an answer, but I think that's the only

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1 right thing to do here.
2 And having said that, my question is regarding
3 this: Being that this area is zoned heavy industrial,
4 are you reusing it as something different, or are you
5 making sure the standards are consistent with the uses
6 that it's currently zoned for?
7 Because it seems to be some misunderstanding
8 here that you should supposed to be able to plant
9 vegetables and do whatever and the place is all heavy
10 industrial, and my understanding of the process that has
11 been discussed here previously is that it was going to
12 be cleaned up to standards that are consistent with what
13 the EPA and -- and laws insinuate it's supposed to be
14 cleaned up to.
15 And further, I don't think it's very fair for
16 us to insinuate on the Navy to have a sewage s- -- a
17 system that's cleaner than our city streets are.
18 I mean, if we are going to be fair about this
19 and consistent about it, the sewers here should be as
20 per what sewers are in the rest of San Francisco; and we
21 shouldn't put a burden on them any heavier that we are
22 going to be putting on the rest of the city or the rest
23 of the state because it -- it basically just stops us
24 from moving forward, and -- and it doesn't allow us to
25 get further down the road.

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<p>1 So I -- I guess for clarification purposes, 2 what are we doing here? 3 Because frankly, I don't think it's fair for 4 one or two people to have the report. I think before we 5 start voting on something further, we need to get a copy 6 of this, and we need to be informed so we haven't put 7 not just a person or two. 8 And I don't think it's fair to put it on Pete 9 or the regulators that are putting this before us. 10 We're putting the cart before the horse. Let's get the 11 information. Let's go over the information. Let's deal 12 with it as it is, and I don't hear anybody saying that 13 they are against that. 14 So why don't we be fair to these people and 15 appreciate the work that they are attempting to do and 16 go on from there? 17 So maybe you can answer that question for me, 18 and I'll just shut up past that, about the -- about 19 the -- the zoning and to what levels you are -- so it's 20 clear so people will know what to expect as per the 21 levels of cleanliness as per heavy industrial, or -- or 22 what is it? Because I don't -- I don't know. 23 MR. FORMAN: Set up a program for 24 radioisotopes. 25 CMDR. FRAGOSO: The -- the state has pretty</p> <p>Page 61</p>	<p>1 that was -- that was allotted -- allotted on the -- on 2 the agenda. 3 So there are a couple of things that needed to 4 be clarified in this -- in this discussion, though. And 5 that was the question of whether or not there would be a 6 recommendation coming from this board to the Navy per 7 the suggestion by Dr. -- 8 MS. SUMCHAI: Sumchai. 9 MS. J. WRIGHT: -- Sumchai. So that is -- 10 MR. BROWN: Suggestion. 11 MR. FORMAN: I don't even know what the 12 suggestion was at this point. 13 MR. BROWN: The suggestion -- 14 MS. J. WRIGHT: She -- 15 Dr. Sumchai -- 16 MS. SUMCHAI: Yeah. 17 MS. J. WRIGHT: -- you had said you wanted 18 additional time? That was -- 19 MS. SUMCHAI: Right. 20 MS. J. WRIGHT: -- something that came up? 21 MS. SUMCHAI: The -- 22 MS. J. WRIGHT: And then it was -- 23 MS. SUMCHAI: This -- 24 MS. J. WRIGHT: -- echoed over here as well? 25 MS. SUMCHAI: The Navy's proposed resolution of</p> <p>Page 62</p>
<p>1 much told us that we got to meet the release criterion 2 of 25 millirems per year, or meet the Reg Guide 1.86, 3 which is specific for radionuclides. 4 MR. MANUEL: Okay. 5 CMDR. FRAGOSO: One point eighty-s- -- We have 6 agreed to meet the standards of 1.86 which are very 7 specific whether it is for industrial or residential. 8 MR. MANUEL: Sure. 9 CMDR. FRAGOSO: So for inside structures, we 10 have -- we have committed to the state to meet that 11 standard. For outside, we are committed to meet the 12 standard of the EPA of 50 millirem per year. 13 MS. J. WRIGHT: Okay. 14 MR. MANUEL: Works for me. 15 MS. J. WRIGHT: We've really -- 16 CMDR. FRAGOSO: By the way, thank you for your 17 kind words for -- about Laurie. 18 MR. MANUEL: I mean that, because we appreciate 19 these people. 20 MS. J. WRIGHT: At this point in time, I'd 21 like -- the discussion really according to the agenda 22 should be closed as far as the amount of time that is 23 allotted for questions for we have additional time for 24 the meeting; but as far as questions for this particular 25 item, we have really gone over the -- the amount of time</p> <p>Page 62</p>	<p>1 issues identified for the Parcel A finding of 2 suitability to transfer. The comments have to be in by 3 March the 11th. 4 And the specific concerns that I have are on 5 page 1, and they relate to these new buildings that have 6 been found on Parcel A that are potentially radiation 7 contaminated. And Buildings 813 and 819 and the 8 decision to revise the boundaries, it specifically says, 9 "The upcoming Draft Final HRA will provide additional 10 detail regarding radiological history of these 11 locations." It says that. 12 MR. FORMAN: Yes. 13 MS. SUMCHAI: So if we are going to review the 14 HRA on March the 20th, then let's at least extend the 15 deadline for submission of comments -- 16 MR. BROWN: Right. 17 MS. SUMCHAI: -- to your responses beyond that 18 date. I think that that's a perfectly reasonable thing 19 to ask. 20 MR. TOMPKINS: What would be the time that 21 you'd ask for an extension so that people would have 22 something to vote on? What would your committee need? 23 How much time -- 24 MS. SUMCHAI: My personal -- 25 MR. TOMPKINS: -- to review it?</p> <p>Page 64</p>

1 MS. SUMCHAI: -- feeling is that the comments
2 for the -- the FOST should be submitted at the same time
3 as the completion of comments for the HRA, because the
4 HRA has key issues that are relevant not only to
5 Parcel A, but to -- to the entire base; but it's not at
6 all unreasonable to --
7 MR. TOMPKINS: So keep going, a resolution to
8 that.
9 MS. SUMCHAI: So April -- April 27th is the
10 deadline for submission of comments for the HRA. It
11 seems reasonable that if people are prepared to make
12 comments then, that they can intelligently address the
13 issues with regard to the proposed transfer.
14 MR. TOMPKINS: Can you put that in the form of
15 a motion so that the members may vote?
16 MS. SUMCHAI: I would like to have the RAB
17 approve a motion to extend the deadline for the Navy's
18 proposed resolution of issues identified for the
19 Parcel A finding of suitability to transfer to
20 April 27th, 2004.
21 MR. MANUEL: Second.
22 MS. J. WRIGHT: Okay. It's been moved, and
23 it's been second that the RAB -- the RAB have a motion
24 to extend that date to April 27th. Any discussion?
25 MR. TOMPKINS: Call the question.

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1 MS. J. WRIGHT: All in favor?
2 THE BOARD: Aye.
3 MS. J. WRIGHT: Okay. All right.
4 MR. TOMPKINS: Any opposition? Make sure --
5 keep it clean.
6 MR. MANUEL: Doesn't matter to her. She --
7 MR. TOMPKINS: I remember one time we had folks
8 who were upset because they were minority dissent.
9 MS. J. WRIGHT: Any nays?
10 MR. MANUEL: She don't care about the
11 opposition.
12 MR. FORMAN: The recommendation --
13 MS. J. WRIGHT: So it's been moved and second
14 and it has carried, the recommendation.
15 I would like to -- I don't think we took a
16 moment to thank our presenters for giving that
17 presentation. So we'd like to just . . .
18 (Applause)
19 MS. J. WRIGHT: And with that, getting through
20 the agenda, we have a moment of if there are any
21 particular questions or issues, Melita?
22 MS. RINES: Okay. I think that J. R. made a
23 good point that we should have something sent down for
24 Laurie and her husband.
25 MR. BROWN: Right.

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1 MS. RINES: As opposed to taking the time to do
2 something where everybody signs it, I'm thinking, you
3 know, we should have the Navy send something down,
4 stating it's from the entire RAB board that we're
5 thinking of her now, knowing that she's not here.
6 I think it would be easier to get it there
7 quickly, because otherwise, how -- it's going to be
8 rather difficult to get everybody to sign it. We don't
9 have a card today, and how are we going to find
10 everybody between then and now?
11 MR. BROWN: We have signatures already. We
12 have signatures, the government work.
13 (Laughter)
14 MS. J. WRIGHT: I guess even -- even in this
15 area of sentiment, if the Board wants the Navy to take
16 action, it seems like there needs to be some kind of a
17 motion.
18 MS. RINES: Right, right. That -- that's what
19 I think is that I would like to make a motion that the
20 Navy sends a big honkin' thing of flowers down there
21 from the entire RAB.
22 MR. FORMAN: You can't do that.
23 MS. J. WRIGHT: Okay. That can't --
24 MR. FORMAN: Well --
25 MS. J. WRIGHT: Okay.

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1 MS. J. WRIGHT: Clarification.
2 MR. FORMAN: Yeah. Just, Melita, I love the
3 sentiment behind that, but there's no such thing as the
4 Navy sending her a bunch of flowers. She -- she's in
5 the Navy.
6 MS. RINES: Right.
7 MR. FORMAN: Are you recommending that I send
8 her --
9 MS. RINES: Yes.
10 MR. FORMAN: -- a bunch of flowers as -- as an
11 individual, not as --?
12 MR. MANUEL: Well, wait a minute. He can't do
13 that.
14 MR. FORMAN: You understand what I'm doing.
15 MR. MANUEL: Can I ask -- can I ask Melita
16 something here?
17 MR. FORMAN: Sure.
18 MR. MANUEL: With -- excuse me. Knock you out
19 there.
20 You know, I -- first I was trying to understand
21 what you're saying, but it made total sense once I
22 thought about it for a minute, because it would be very
23 difficult with the time constraints to get everybody's
24 signature, I mean, personal with the signatures.
25 But your -- your ad thing, I think, made it all

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1 much better; and being that she's in the Navy and
2 whatever, you know, maybe we should just -- if it's
3 going to be a issue there where it really is from all of
4 us, maybe we should -- somebody got a hat on? We can
5 just throw something in a hat.
6 You have a hat on. Why don't we just -- why
7 don't we just go in our wallets and just put
8 something -- just put something in -- in the hat? That
9 way it's truly from all of us. It's not from Keith.
10 And then we'll put -- you're saying earlier -- maybe all
11 our names and all of -- everybody's names could be put
12 on there, and that could, you know, maybe suffice
13 instead of us being able to sign it all. Well, what do
14 you -- what do you feel about that?
15 MS. J. WRIGHT: We got a response here.
16 MR. MANUEL: Okay.
17 MS. J. WRIGHT: First of all, Laurie --
18 MR. TERZIAN: I don't need a microphone.
19 MS. J. WRIGHT: Excuse me, but Maurice was
20 first.
21 MR. TERZIAN: Oh.
22 MR. CAMPBELL: I would like to ask possibly for
23 our community outreach contractors that our fund for
24 doing community outreach for the RAB, is there a
25 possibility they could do that on behalf of the RAB?

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1 MR. ACHARYA: Yeah.
2 MR. CAMPBELL: And maybe we can. Thank you
3 very much.
4 MR. KEICHLINE: Well, to what extent? I mean,
5 are we talking --?
6 MR. MANUEL: No, but that still doesn't -- that
7 still is not us doing it. That's somebody else doing
8 it.
9 MR. CAMPBELL: Well, no, no. I mean it can be
10 personalized. But if we are talking about doing
11 something and we're doing something we are asking the
12 Navy to do it, well, we have a community outreach
13 contractor who actually works for us. Okay?
14 So if you want to talk about specifics of
15 mechanics, here is how you do it.
16 MR. MANUEL: Okay. Well, I -- I think what we
17 were talking about earlier is how do we -- who pays for
18 these flowers that are from all of us?
19 MR. BROWN: Arvind.
20 MS. ATTENDEE: And --
21 MR. MANUEL: Well, then, it's just from him,
22 not really from all of us.
23 MS. J. WRIGHT: Please.
24 MR. TERZIAN: Maurice, are you finished?
25 MR. CAMPBELL: Yes, I am, yeah.

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1 MR. TERZIAN: My name's David Terzian. I
2 manage the artist facilities out here. We can get a
3 piece donated and brought over to Dago Mary's probably
4 by Monday of next week. And if everyone would like to
5 come in at their leisure and sign it within the next,
6 say, seven or eight days, we'll get it framed up and
7 shipped out to . . .
8 MS. J. WRIGHT: Laurie.
9 MR. TERZIAN: Laurie, yeah. Does anybody have
10 any objection that maybe they could take the time to
11 come out in the next week or so and --
12 MS. SUMCHAI: It's not an objection.
13 MR. TERZIAN: -- come over to Dago Mary's and
14 have it signed?
15 MS. SUMCHAI: They're going to be here on the
16 20th. Maybe we should just have something that's an
17 event that recognizes, celebrates their --
18 MR. MANUEL: Well, that sounds good to me.
19 Contribution as part of that.
20 MS. SUMCHAI: -- contribution --
21 MR. TERZIAN: So --
22 MS. SUMCHAI: -- as part of that.
23 MR. TERZIAN: So what we'll do is, I'll get a
24 piece down -- down here by Monday of next week. And is
25 the -- is the RAB going to be meeting prior to their

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1 coming in?
2 MS. RINES: No.
3 MR. TERZIAN: Okay. So at your leisure come
4 down, and we'll talk to Joe or Giaco [sic] and let them
5 know where it's going to be, and you can come in and
6 sign it at your leisure. Is that acceptable to
7 everyone?
8 MR. MANUEL: So do you like the idea of
9 everybody signing?
10 MR. TERZIAN: Sure. We can --
11 MR. MANUEL: I know I do. I like that very --
12 MS. RINES: I think there's only one logistic
13 problem with that. Dago Mary's isn't open at night.
14 MR. MANUEL: And some people are not going to
15 be able to be here.
16 MS. RINES: Well, that's the -- that's the only
17 thing.
18 MR. TERZIAN: Okay.
19 MS. RINES: So, I mean, that's -- I think
20 that's great. I mean, I -- I don't know. I mean, if
21 people can get down here during the day, I -- I think
22 that would be great to have it if they make something
23 and have that.
24 MR. TERZIAN: Okay.
25 MS. RINES: Or if you can have it right before

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1 when they come up on the 20th.
2 MR. TERZIAN: Well, there's another location.
3 Our office is open usually till 9:00 or 10:00 in the
4 evening. It's in Building 101 on the Shipyard, and I
5 can make that address available for everyone that would
6 like to come down to 101.
7 MR. MANUEL: But isn't this supposed to be kind
8 of a get-well thing?
9 MS. RINES: Yeah.
10 MR. MANUEL: And it's kind of late in the game
11 to give it to them when they get here. You know --
12 MR. TERZIAN: Whatever you'd like to do. I'm
13 just saying that we can get --
14 MR. MANUEL: I hear you.
15 MR. MASON: We meet on the 9th -- on the 9th,
16 don't we, here, on the 9th of March?
17 MR. FORMAN: Yes, for the Parcel D action memo.
18 MR. MASON: That's it.
19 MS. LANE: Come to the Parcel D meeting.
20 MS. RINES: Very good.
21 MR. TERZIAN: Okay. Does that work?
22 MS. RINES: That works.
23 MR. MANUEL: We're having meetings anyway.
24 MR. SAUNDERS: Just one suggestion. You're all
25 here tonight. Why don't we get some blank sheets of

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1 paper and sit down and write your comments on that blank
2 sheet of paper, sign your name now, give it to the
3 artist to work it into a piece.
4 MS. SUMCHAI: Wow.
5 MR. SAUNDERS: We are all here now.
6 MR. MANUEL: You know, that's a good idea. It
7 would be a -- it would be a signature and then you can
8 just maybe input it into a computer and just add
9 everybody's signature. All right.
10 MS. J. WRIGHT: The bylaws don't exactly have
11 any direction about --
12 MR. TOMPKINS: I gave him a five. I gave him
13 \$5. Jesus Christ, we got issues other than this.
14 Excuse me.
15 MS. J. WRIGHT: So I'm -- I'm thinking probably
16 if there are any other things that are germane to the
17 commonwealth in terms of the RAB other than sentiment at
18 this point in time, we'll talk about that. And then I
19 think when we adjourn, there's a opportunity for people
20 to gather and talk about how they can give the proper
21 reso- -- resolution to this. Okay?
22 Any additional questions or concerning issues?
23 Lynne?
24 MR. BROWN: I like to make a motion that we
25 adjourn.

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1 MS. J. WRIGHT: It's been moved. Maurice?
2 MR. CAMPBELL: I basically had a question
3 for -- before about Building 815. It's a FUDS property.
4 It was released before. It is occupied. And the new
5 MARSSIM standard has come -- has come about. And before
6 I don't -- I think RASO wanted to work with the Army
7 Corps of Engineers, and I wanted to find out what has
8 happened since then. Has -- has that been worked out?
9 CMDR. FRAGOSO: No, it hasn't. It has not
10 been worked out yet.
11 MR. CAMPBELL: Okay. So we -- we can expect
12 some form of an update in a report, because that's
13 really important to us.
14 CMDR. FRAGOSO: We'll try to get you more by
15 the next RAB meeting.
16 MR. CAMPBELL: Thank you.
17 MS. J. WRIGHT: So update will be given.
18 It's -- it's been on the floor right now --
19 MS. RINES: I second the motion to add.
20 MR. RAB MEMBER: Second.
21 MR. BROWN: All in favor?
22 THE BOARD: Aye.
23 MS. RINES: Opposed?
24 MR. MANUEL: No, she -- she don't ever ask for
25 opposed.

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1 MS. J. WRIGHT: The meeting's been adjourned.
2 The next meeting will be on March 25th, and Marsha
3 Pendergrass will be with you.
4 (Off record at 7:36 p.m., 2/26/04.)
5 ---oOo---

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CERTIFICATE OF REPORTER

I, CHRISTINE M. NICCOLI, Certified Shorthand Reporter of the State of California, do hereby certify that the foregoing meeting was reported by me stenographically to the best of my ability at the time and place aforementioned.

IN WITNESS WHEREOF I have hereunto set my hand this 28 day of March, 2004.



CHRISTINE M. NICCOLI, C.S.R. NO. 4569

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HUNTERS POINT SHIPYARD MONTHLY PROGRESS REPORT

JANUARY 2004

This monthly progress report (MPR) summarizes environmental restoration activities conducted by the Navy at Hunters Point Shipyard (HPS) during January 2004. This MPR is prepared in accordance with the HPS Federal Facility Agreement, Section 6.6. The MPR is presented in three sections: Section 1, Parcel Updates, summarizes key activities at each parcel completed during the past month and planned for the upcoming 2 months; Section 2, Schedule, identifies submittals, meetings, and field activities completed during the past month and planned for the upcoming 2 months; Section 3, Other, is intended for special announcements, changes in personnel, basewide issues, or other topics not included in Sections 1 or 2.

1.0 PARCEL UPDATES

PARCEL B JANUARY 2004 ACTIVITIES

- Submitted responses to comments (RTC) for the draft construction summary report (CSR).
- Continued post-injection groundwater monitoring for the Ferox injection treatability study at Building 123.

PARCEL B FEBRUARY 2004 – MARCH 2004 ACTIVITIES

- Submit draft final work plan with RTCs for follow-on soil vapor extraction (SVE) treatability study work plan.
- Install replacement monitoring wells per basewide groundwater monitoring sampling and analysis plan (SAP).
- Conduct January – March 2004 quarterly groundwater monitoring, incorporating supplemental wells per basewide groundwater monitoring SAP.
- Continue preparation of a CSR addendum that will present information for excavations not included in the draft CSR. Begin preparation of the final CSR with replacement pages and RTCs.
- Prepare and submit RTCs for the groundwater evaluation technical memorandum.

- Continue preparation of technical memorandum to support the proposed record of decision (ROD) amendment. Resolve risk assessment technical issues and identify applicable or relevant and appropriate requirements (ARAR) for the technical memorandum in support of a ROD amendment (TMSRA) and proposed ROD amendment. Hold a TMSRA document scoping meeting.
- Continue post-injection groundwater monitoring for the Ferox injection treatability study at Building 123.
- Prepare and submit final shoreline data gaps technical memorandum with RTCs.
- Prepare and submit final July – September 2003 quarterly groundwater monitoring report with RTCs, pending receipt and resolution of agency comments.
- Prepare and submit draft annual/October – December 2003 quarterly groundwater monitoring report.
- Prepare and submit Parcel B petroleum hydrocarbon corrective action plan (CAP) addendum.
- Begin implementation of SVE work plan following resolution of agency comments on draft final work plan.

PARCEL C JANUARY 2004 ACTIVITIES

- Completed waste consolidation work. Began preparation of waste consolidation summary report.
- Continued preparation of underground storage tank (UST) closure request and documentation.

PARCEL C FEBRUARY 2004 – MARCH 2004 ACTIVITIES

- Submit final work plan for Dry Dock 4 water sampling and RTCs. Perform water sampling following resolution of work plan comments and coordinate plans for removal of keel blocks. The proposed work is required for Dry Dock 4 to be in the same condition as Dry Docks 2 and 3 (with the caisson tied off at the head of the dry dock).
- Install additional monitoring wells and perform groundwater sampling per basewide groundwater monitoring SAP.
- Prepare and submit final work plan for sequential anaerobic/aerobic bioremediation treatability study in Building 134 with RTCs. Perform well decommissioning in support of treatability study activities. Excavate degreaser pit and separator, and install extraction well within excavation.

- Prepare and submit RTCs for the final Parcel C groundwater summary report.
- Prepare and submit waste consolidation summary report.
- Prepare and submit UST closure request and documentation.

PARCEL D JANUARY 2004 ACTIVITIES

- Continued to address radiation screening survey results from Building 366. Continued preparing a dose evaluation based on radiological testing at Building 366.
- Continued preparation of action memorandum and work plan for soil removal action.
- Continued preparation of UST closure request and documentation.

PARCEL D FEBRUARY 2004 – MARCH 2004 ACTIVITIES

- Install additional monitoring wells and perform additional sampling per basewide groundwater monitoring SAP.
- Prepare and submit action memorandum and work plan for soil removal action. Perform limited soil removal field work at a location near burrowing owl habitat (work must be completed prior to the beginning of owl breeding season).
- Continue addressing radiation screening survey results from Building 366. Finalize dose evaluation based on radiological testing at Building 366, and share results with Building 366 tenants.
- Prepare and submit UST closure request and documentation.

PARCEL E JANUARY 2004 ACTIVITIES

- Completed waste consolidation work. Began preparation of waste consolidation summary report.
- Continued operation of groundwater extraction system at industrial landfill.
- Initiated monthly gas monitoring at Industrial Landfill. Began preparation of the interim landfill gas monitoring and control plan.

PARCEL E FEBRUARY 2004 – MARCH 2004 ACTIVITIES

- Install additional monitoring wells and perform groundwater sampling per basewide groundwater monitoring SAP.
- Prepare and submit RTCs for draft landfill extent report.

- Prepare and submit final landfill cap removal action closeout report with RTCs.
- Prepare final landfill liquefaction potential report with RTCs.
- Prepare draft shoreline characterization technical memorandum for the standard data gaps investigation.
- Prepare and submit interim data analysis report for Phases 1 and 2 of the standard data gaps investigation.
- Prepare and submit metal reef/slag removal action site characterization work plan.
- Prepare and submit draft landfill gas removal action closeout report.
- Prepare and submit Installation Restoration (IR) Site 02 removal action work plan (to be performed under the basewide radiation removal action).
- Prepare action memorandum for removal of soil containing polychlorinated biphenyls near IR-01/21.
- Prepare and submit RTCs for final Parcel E groundwater summary report.
- Perform monthly storm water visual observations at the industrial landfill during rain events. Perform second storm water sampling event.
- Continue monthly gas monitoring at the industrial landfill. Continue preparation of the interim landfill gas monitoring and control plan. Install additional gas monitoring probes along Crisp Avenue. Prepare and submit draft January 2004 gas monitoring report and begin preparation of draft February 2004 gas monitoring report.
- Continue radiation screening surveys based on the findings of the historic radiological assessment (HRA).
- Continue preparation of waste consolidation summary report.
- Continue operation of groundwater extraction system at industrial landfill.

PARCEL F JANUARY 2004 ACTIVITIES

- Continued preparation of field summary report for feasibility study data gaps investigation.

PARCEL F FEBRUARY 2004 – MARCH 2004 ACTIVITIES

- Prepare and submit field summary report for feasibility study data gaps investigation.
- Continue preparation of draft final validation study report with RTCs.

2.0 SCHEDULE

This section presents meetings and deliverables conducted and planned during this reporting period.

Activities Conducted	Date
BCT monthly meeting	January 15, 2004
Submitted RTCs for draft Parcel B construction summary report	January 15, 2004
RAB meeting	January 22, 2004
Town Hall Meeting (Kiska Gym)	January 24, 2004

Activities Planned	Date
BCT monthly meeting	February 11, 2004
Submit field summary report for Parcel F data gaps investigation	February 13, 2004
Submit RTCs for draft sequential anaerobic/aerobic biological treatability study at Building 134	February 18, 2004
Submit action memorandum for Parcel D removal action	February 24, 2004
Submit draft final HRA volume II	February 25, 2004
RAB meeting	February 26, 2004
Submit work plan for Parcel D removal action	February 27, 2004
Submit draft annual/October – December 2003 quarterly groundwater monitoring report	February 27, 2004
Submit IR-02 removal action work plan	March 1, 2004
Submit RTCs for Parcels C and E final groundwater summary reports	March 1, 2004
Submit final Parcel B shoreline data gaps technical memorandum with RTCs	March 4, 2004
Parcel B risk assessment meeting	March 4, 2004
Submit final July – September 2003 quarterly groundwater monitoring report with RTCs*	March 5, 2004
Submit RTCs for Parcel B groundwater evaluation technical memorandum	March 6, 2004
Submit final community involvement plan with RTCs	March 12, 2004
Submit Parcel E standard data gaps interim data analysis report	March 15, 2004
Submit draft final work plan with RTCs for follow-on SVE treatability study	March 15, 2004
Submit draft metal reef/slag removal action site characterization work plan	March 15, 2004
Submit RTCs for landfill extent report	March 17, 2004
Submit draft landfill gas removal action closeout report	March 19, 2004
Submit draft final Parcel A FOST	March 19, 2004
Submit Parcel D UST closure request and documentation	March 22, 2004
BCT monthly meeting	March 23, 2004
Submit final landfill cap removal action closeout report	March 24, 2004
Submit Parcels C and E waste consolidation summary report	March 24, 2004

Activities Planned	Date
RAB meeting	March 25, 2004
Submit draft January 2004 gas monitoring report	March 26, 2004
Submit draft Parcel B CAP addendum	March 29, 2004
Submit Parcel C UST closure request and documentation	March 31, 2004
Submit final work plan for Dry Dock 4 water sampling with RTCs	March 2004
Submit final work plan for sequential anaerobic/aerobic biological treatability study at Building 134	March 2004

Note:

- * Document submittal pending receipt and/or resolution of BCT comments

3.0 OTHER

- The Navy is continuing to prepare the draft final HRA volume II, which is planned for submittal on February 25, 2004.
- The Navy submitted the draft base realignment and closure (BRAC) business plan on April 2, 2003. The Navy and regulatory agencies are working to resolve comments on the draft BRAC business plan. Due to disagreements on content and approach, the Navy anticipates re-issuing the BRAC business plan in early 2004 with a discussion of accomplishments in 2003 and goals for 2004.
- The draft community involvement plan (CIP), formerly referred to as the community relations plan, was submitted on June 6, 2003. The BCT and public review period for the draft CIP was extended until August 12, 2003. The draft final CIP was submitted on October 2, 2003. The Navy plans to submit the final CIP with RTCs on March 12, 2004, pending receipt of agency and public comments.
- The Navy submitted the draft basewide groundwater monitoring program SAP on December 18, 2003. The final SAP is planned for submittal in April 2004, pending receipt and resolution of agency comments. Additional monitoring wells will be installed in late February 2004 and the first quarter of groundwater sampling will be completed by March 2004.
- The Navy conducted a basewide inventory of stockpiles at HPS. The Navy completed this inventory and continued to evaluate necessary response actions in December 2003, which are planned to be included in the Parcel D soil removal action.
- The Navy continued working with the Regional Water Quality Control Board (RWQCB) on the proposed process for evaluating petroleum hydrocarbons in soil. Preparation of the draft CAP for Parcels C, D, and E and an addendum to the Parcel B CAP will begin after RWQCB concurrence on the process and associated evaluation criteria is received.

- The Navy prepared responses to unresolved comments on the draft Parcel A Finding of Suitability to Transfer (FOST), Revision 2. The draft final Parcel A FOST is scheduled for submittal on March 19, 2004, pending agency concurrence on the responses to unresolved comments.



Hunters Point Shipyard HRA Update 26 February 2004

CDR Lino Fragoso
Officer in Charge
NAVSEADET RASO



Draft Final HRA Process

- Managed by RASO
- Process began in January 2003
- Pledge made to community and regulators to "get it right"
- Extensive review of federal and private archives
- Interviewees sought by advertisement

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HRA Content

- **Main Document:**

- 1.0 Executive Summary
- 2.0 Introduction
- 3.0 Site Identification and Description
- 4.0 HRA Methodology
- 5.0 Regulatory Involvement
- 6.0 History
- 7.0 Assessment of Impacted Sites
- 8.0 Findings and Recommendations
- 9.0 Conclusions
- 10.0 References

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HRA Content (cont.)

- **Glossary**
- **Acronyms**
- **4 Appendices**
 - A - Radiation Overview
 - B - Interviews
 - C - Historical Drawings and Photographs
 - D - Electronic Copies of Reference Documents (3 CDs)

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Draft to Draft Final Comparison

- **Preparation Time:**
 - Draft: 2 months
 - Draft Final: 14 months
- **Archive Reviews:**
 - Draft: Primarily used RASO archives
 - Draft Final: 14 archive locations
- **References:**
 - Draft: 83
 - Draft Final: 340

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Draft to Draft Final Comparison (Cont.)

- **Interviews:**
 - Draft: 13 interviews
 - Draft Final:
 - 179 interviewees contacted
 - 34 in-depth interviews reported
 - Includes 13 from draft
- **Impacted Sites**
 - Draft: 56
 - Draft Final: 90

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Impacted Sites

Definition of Impacted Site:

- One that has a ***potential*** for radioactive contamination based on historical information.
- It does not mean the site is contaminated.

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Impacted Sites

- 882 total HPS sites identified
- 90 Impacted Sites
 - Parcel A – 4 sites
 - Parcel B – 14 sites
 - Parcel C – 12 sites
 - Parcel D – 17 sites
 - Parcel E – 33 sites
 - Parcel F – 2 sites
 - Off-Base Facilities – 1 site
 - Base-Wide Areas – 3 sites
 - Formerly Utilized Defense Sites – 4 sites

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HPS Northeast Impacted Sites



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HPS Southwest Impacted Sites



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Parcel A Impacted Sites

- **Building 813**
 - Former supply storage building
 - Site of leaking Sr-90 source
- **Building 816**
 - Released by RASO and California Department of Health Services (CDHS)
- **Building 819**
 - Sanitary System Pump Station
- **Building 821**
 - Released by RASO and CDHS

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Parcel B Impacted Sites

- **Buildings**
 - 103, 113, 113A, 130, 140, 142, 146, 157
- **Building 114 Site (Demolished)**
- **Dry Docks 5, 6 and 7**
- **Sites 7 and 18**

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Parcel C Impacted Sites

- **Buildings**
 - 203, 205, 211, 214, 224, 241, 253, 271 and 272
- **Dry Docks 2, 3 and 4**

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Parcel D Impacted Sites

- **Buildings**
 - 274, 311, 351, 351A, 364, 365, 366, 383, 408, 500
- **Former Building Sites**
 - 313, 313A, 317, 322, 503
- **Gun Mole Pier**
- **“NRDL Site” from 1949 map**

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Parcel E Impacted Sites

- **Buildings**
 - 406, 414, 521, 708, and 810
- **Former Building Sites**
 - 506, 507, 508, 509, 510, 510A, 517, 520, 529, 701, 707B, 707C, 719, 807
- **Former “Shacks 79 and 80” Sites**
- **Building 707 and animal storage area**
- **Building 707 Waste Triangle**

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Parcel E (Cont.)

- **Building 500 Series Site**
- **Experimental Shielding Range**
- **Sites 1/21, 2, and 3**
- **Building 704 Radioactive Materials Storage Area**
- **Building 704 Animal Pens**
- **Salvage Yard**
- **Scrap Yard (Site 4)**
- **Shoreline (1-1/2 miles)**

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Parcel F Impacted Sites

- Underwater Areas
 - Near Parcel E Shoreline
 - Near Berthing Areas
 - Outside of Dry Docks
- Ships Berths - 50

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Off-Base Impacted Site

- Islais Creek Warehouse Building 418
 - Approximately 2 miles from HPS
 - One of 4 warehouses used by HPS
 - Used by NRD L for storage
 - Previously cleared by Atomic Energy Commission in 1970
 - Currently vacant
 - Possible Formerly Utilized Defense Site

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Base-Wide Impacted Sites

Base-wide: Utility systems that cross parcel boundaries

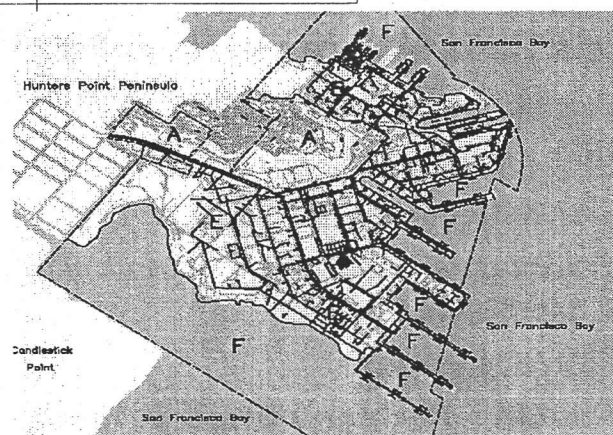
- Storm Drain System
- Sanitary Sewer System
- Applies only to those systems associated with NRDL operations

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Storm Drain System

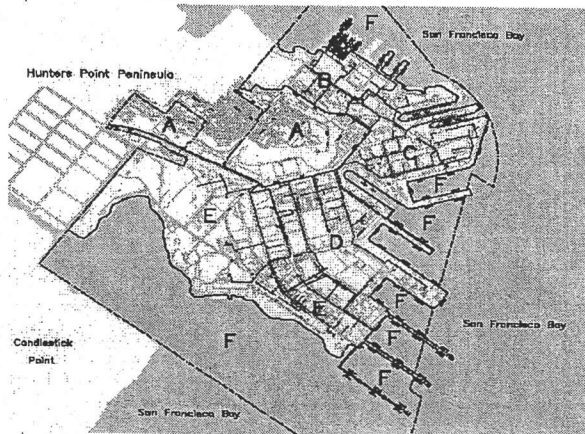


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Sanitary Sewer System



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Impacted FUDS

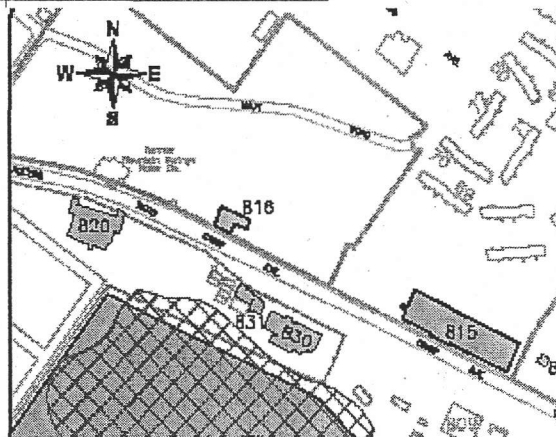
- **Buildings 815**
 - NRDL Main Laboratory after 1955
- **Building 820**
 - NRDL Cyclotron Building
- **Buildings 830 and 831**
 - NRDL Small Animal Colonies

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Impacted FUDS



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HRA Site Assessments

- Section 8.0 includes an overview for each impacted site that includes:
 - Site description and history
 - Site Assessments
 - Recommended Action

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Site Assessment Categories

- Contamination Potential
- Contaminated Media
- Potential Migration Pathways

Example: movement of contamination through sewer system

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Summary of Site Contamination Potential

- 90 Impacted Sites:
 - 17 Known – Continued Access
Example: Building 366
 - 32 Likely
 - 41 Unlikely

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Recommended Actions

- **Scoping Survey**
 - Radioactive materials may be present and an evaluation is needed to identify radionuclides and general levels and extent of contamination

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Recommended Actions

- **Characterization Survey**
 - Surveys are required to define extent of contamination and radionuclides of concern
 - Survey results used for selection of appropriate remediation techniques

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Recommended Actions

- **Remediation**
 - Removal of contamination to meet release criteria
- **Final Status Survey**
 - Survey conducted to verify that the site complies with release criteria
 - Follows remediation or to verify past radiological investigations

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Recommended Actions

- **Recommended for Free Release**
 - Analysis of previous investigations and surveys indicate site is ready for review by Navy and regulators for future reuse.
- **No Further Action**
 - Survey results have been reviewed by Navy and regulators and confirmed to meet release criteria.

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Site Recommendation Summary

- 90 Impacted Sites
 - 2 no further action
 - 34 recommended for scoping surveys
 - 20 recommended for characterization surveys
 - 5 recommended for remediation
 - 1 recommended for final status survey
 - 28 recommended for free release pending review of final status survey report

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HRA Conclusions

- Only low-level contamination has been found at the site
- No evidence of contamination migrating off HPS has been found
- Shipyard tenants, the surrounding community and the environment are not at risk from previous radiological activities at HPS

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Presentation of HRA

- 27 Feb 04 – HRA distributed
- 27 Feb to 27 Apr 04 – HRA review and comment period
 - 60 days planned
 - Regulators may ask for an extension
- 20 Mar 04 – SWDIV/HRA Team host HRA Open House at EP Mills Facility
- RASO response to comments due 45 days after comment period

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HRA Availability for Public

- May be downloaded from web site or ftp site:
<http://www.efdswnavfac.navy.mil/environmental/hunterspoint.htm>
- Copies available at local libraries and the Arc Ecology Window on the Shipyard Office

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Questions and Comments

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